

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. UTU-43917
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		2. Name of Operator QEP UINTA BASIN, INC.		6. If Indian, Allottee or Tribe Name N/A
3a. Address 11002 E. 17500 S. VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		7. If Unit or CA Agreement, Name and No. WHITE RIVER UNIT
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWSW 2578FSL 656FWL 4440788Y At proposed prod. zone NESW 1980FSL 1980FWL 40.10817 -109.39458		BHL 637231X 4440606Y 40.10646 -109.38990		8. Lease Name and Well No. WRU EIH 11MU-24-8-22
14. Distance in miles and direction from nearest town or post office* 32 +/- MILES SOUTH WEST FROM VERNAL, UT.		15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 656 +/-		9. API Well No. 43-047-35805
16. No. of Acres in Lease 320.00		17. Spacing Unit dedicated to this well 40.00		10. Field and Pool, or Exploratory NATURAL BUTTES
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1500' +/-		19. Proposed Depth 8972 MD 8700 TVD		11. Sec., T., R., M., or Blk. and Survey or Area Sec 24 T8S R22E Mer SLB
20. BLM/BIA Bond No. on file ESB000024		21. Elevations (Show whether DF, KB, RT, GL, etc.) 4865 GL		12. County or Parish UINTAH
22. Approximate date work will start		23. Estimated duration 10 DAYS		13. State UT

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) JOHN BUSCH	Date 06/09/2004
Title OPERATIONS		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 09-20-04
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #31470 verified by the BLM Well Information System  
For QEP UINTA BASIN, INC., will be sent to the Vernal

Federal Approval of this  
Action is Necessary

RECEIVED

JUN 1 / 2004

DIV. OF OIL, GAS & MINING

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T8S, R22E, S.L.B.&M.

QUESTAR EXPLORATION & PRODUCTION

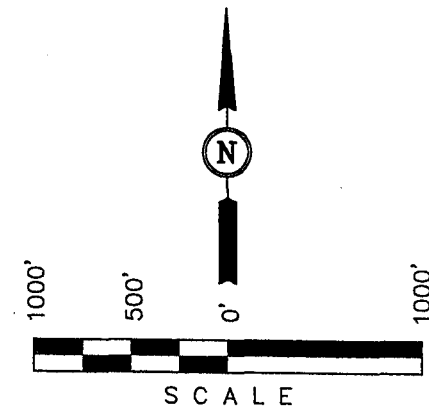
Well location, WRU EIH #11W-24-8-22, located as shown in the NW 1/4 SW 1/4 of Section 24, T8S, R22E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### CERTIFICATE

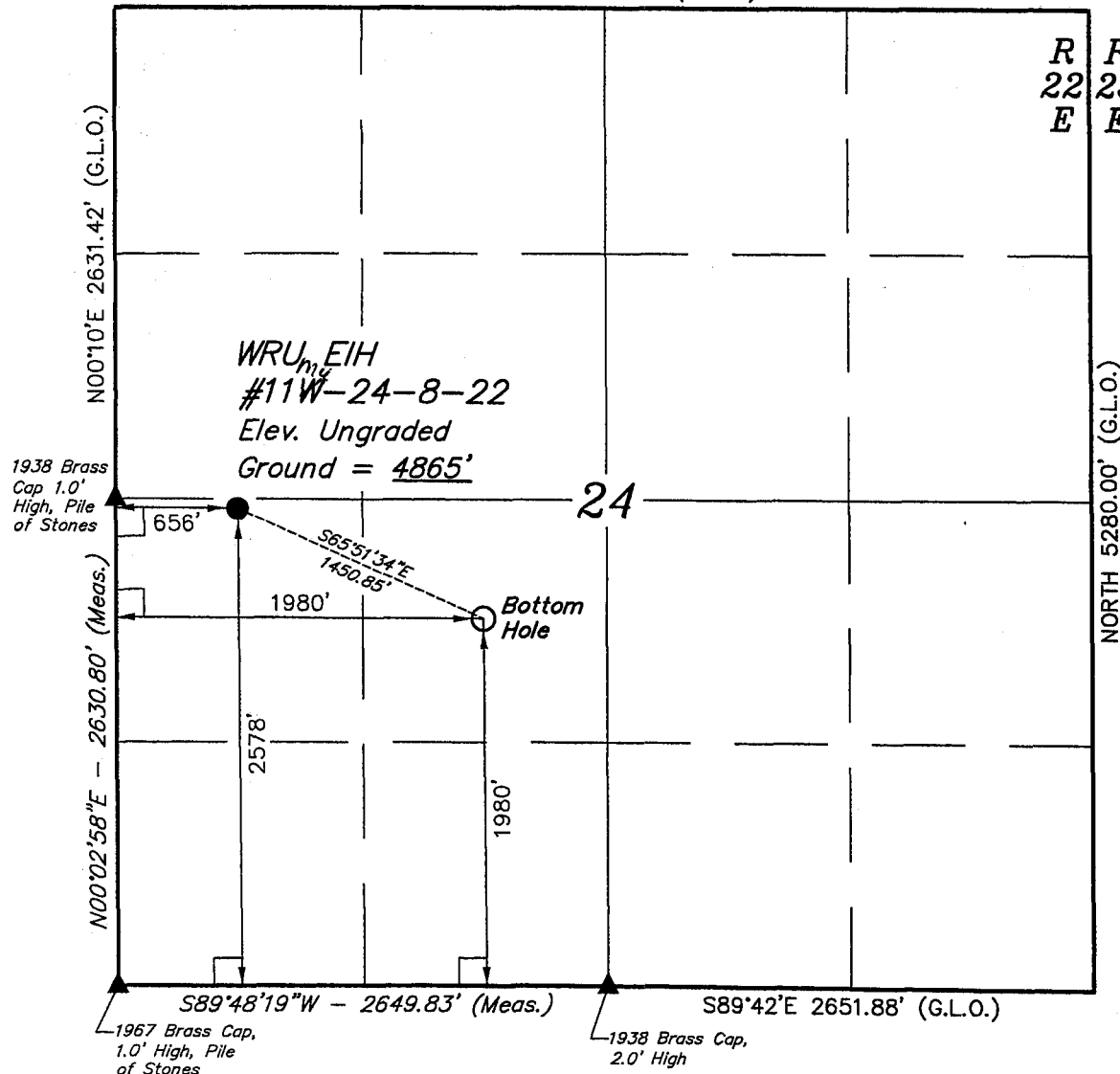
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
No. 161318  
ROBERT L. KAY  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-24-04	DATE DRAWN: 03-31-04
PARTY D.A. T.A.. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLORATION & PRODUCTION	

N89°58'W 5290.56' (G.L.O.)



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

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(NAD 83)  
LATITUDE = 40°06'29.05" (40.108069)  
LONGITUDE = 109°23'43.76" (109.395489)

# QUESTAR EXPLR. & PROD.

WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 24, T8S, R22E, S.L.B.&M.

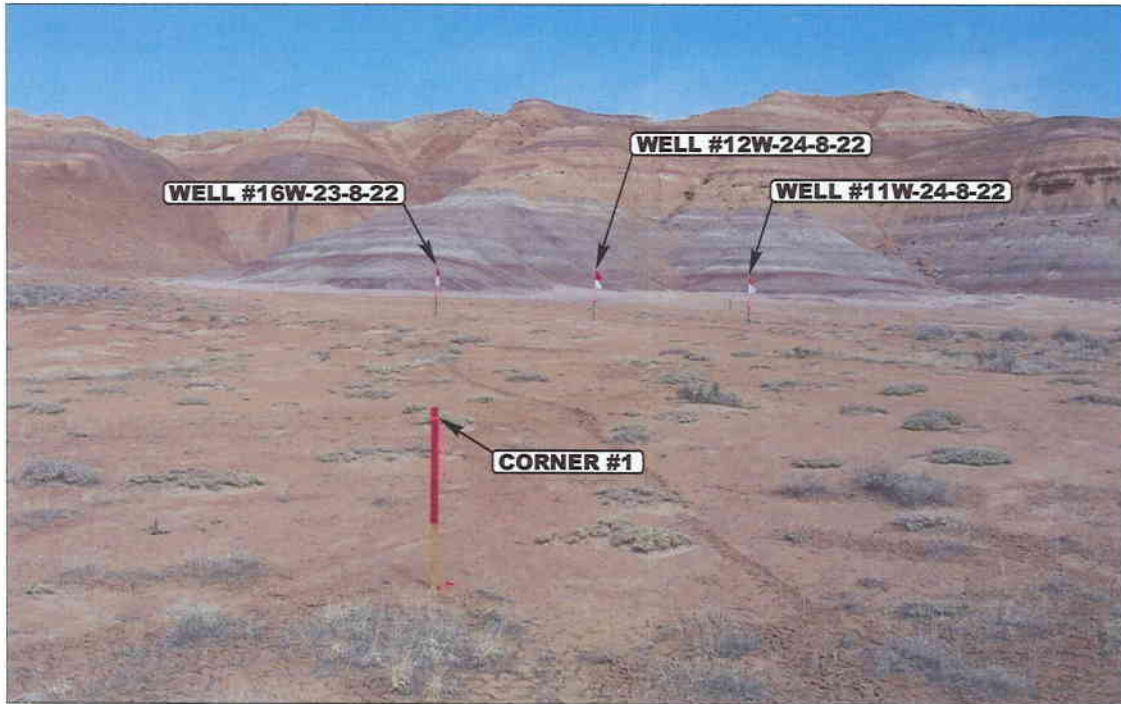


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKES

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

12 03 03  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

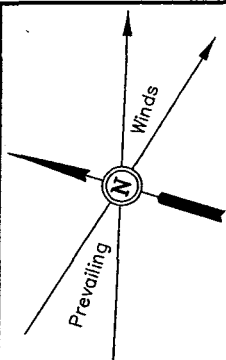
DRAWN BY: P.M.

REVISED: 04-17-04

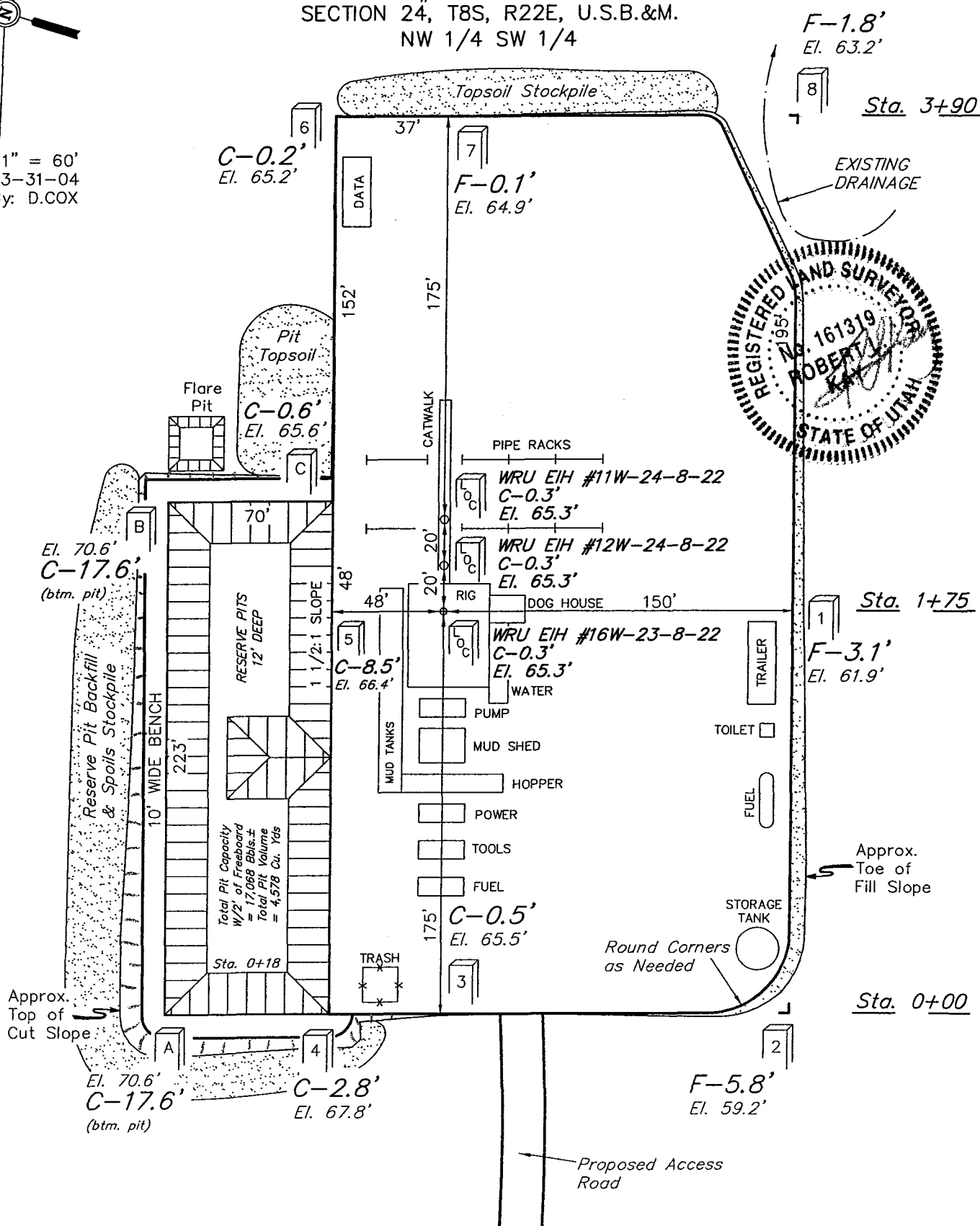
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FIGURE #1

WRU EIH #11W-24-8-22, #12W-24-8-22  
& #16W-23-8-22  
SECTION 24, T8S, R22E, U.S.B.&M.  
NW 1/4 SW 1/4



SCALE: 1" = 60'  
DATE: 03-31-04  
Drawn By: D.COX



Elev. Ungraded Ground at Location Stake = 4865.3'  
Elev. Graded Ground at Location Stake = 4865.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

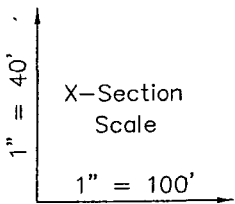
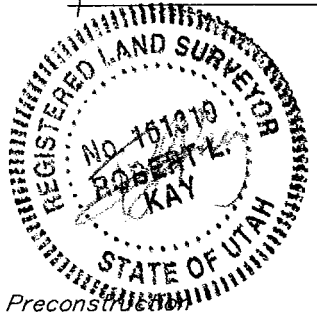
**CONFIDENTIAL**

# QUESTAR EXPLORATION & PROD.

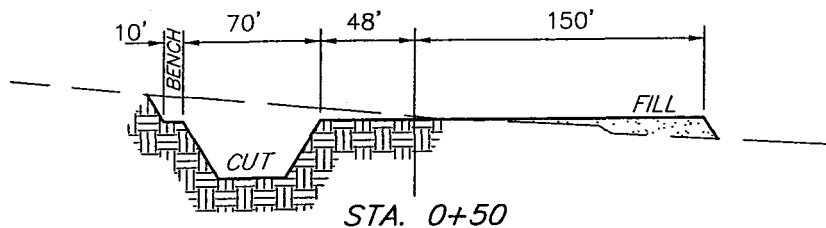
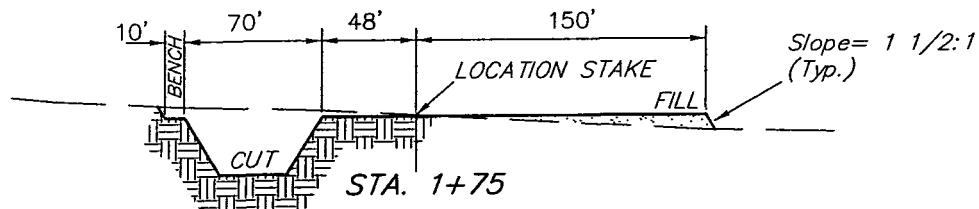
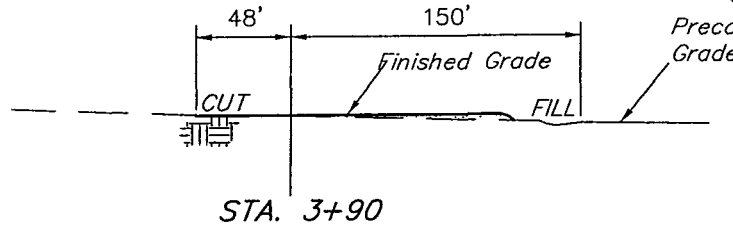
FIGURE #2

## TYPICAL CROSS SECTIONS FOR

WRU EIH #11W-24-8-22, #12W-24-8-22  
& #16W-23-8-22  
SECTION 24, T8S, R22E, U.S.B.&M.  
NW 1/4 SW 1/4

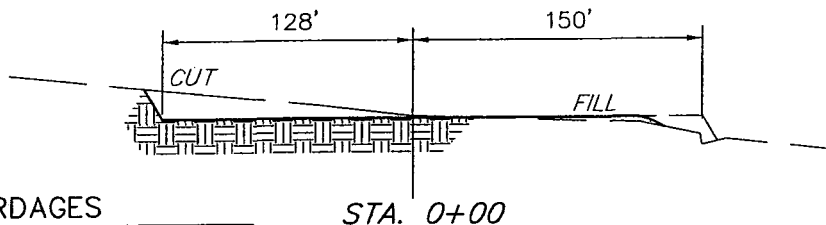


DATE: 03-31-04  
Drawn By: D.COX



### NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.



### APPROXIMATE YARDAGES

#### \* NOTE:

FILL QUANTITY INCLUDES  
5% FOR COMPACTION

#### CUT

(6") Topsoil Stripping = 1,910 Cu. Yds.  
Remaining Location = 6,780 Cu. Yds.  
TOTAL CUT = 8,690 CU.YDS.

FILL = 4,490 CU.YDS.

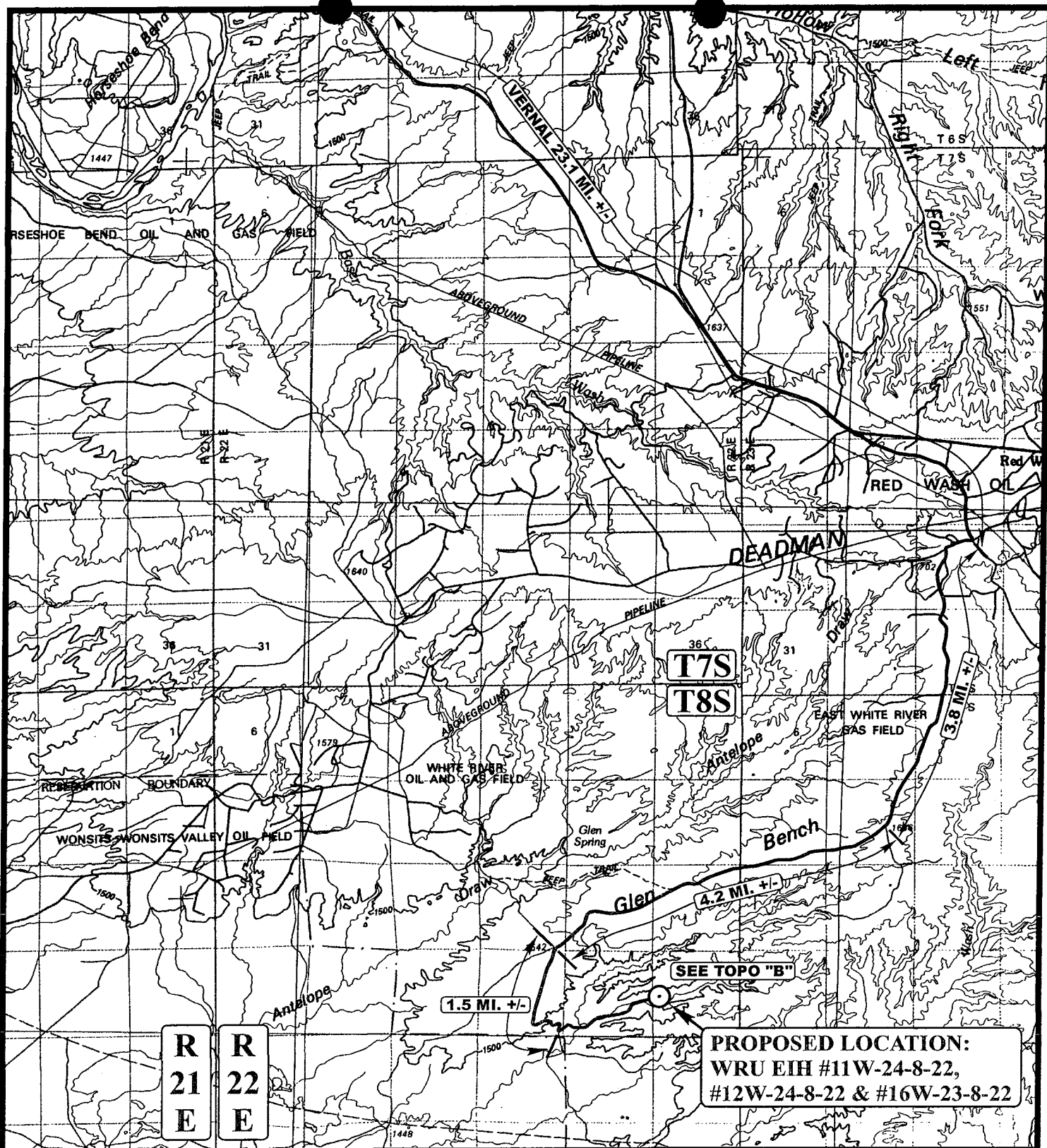
EXCESS MATERIAL = 4,200 Cu. Yds.

Topsoil & Pit Backfill = 4,200 Cu. Yds.

(1/2 Pit Vol.) EXCESS  
UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

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# **LEGEND:**

○ PROPOSED LOCATION

## **QUESTAR EXPLR. & PROD.**

WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22  
SECTION 24, T8S, R22E, S.L.B.&M.  
NW 1/4 SW 1/4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

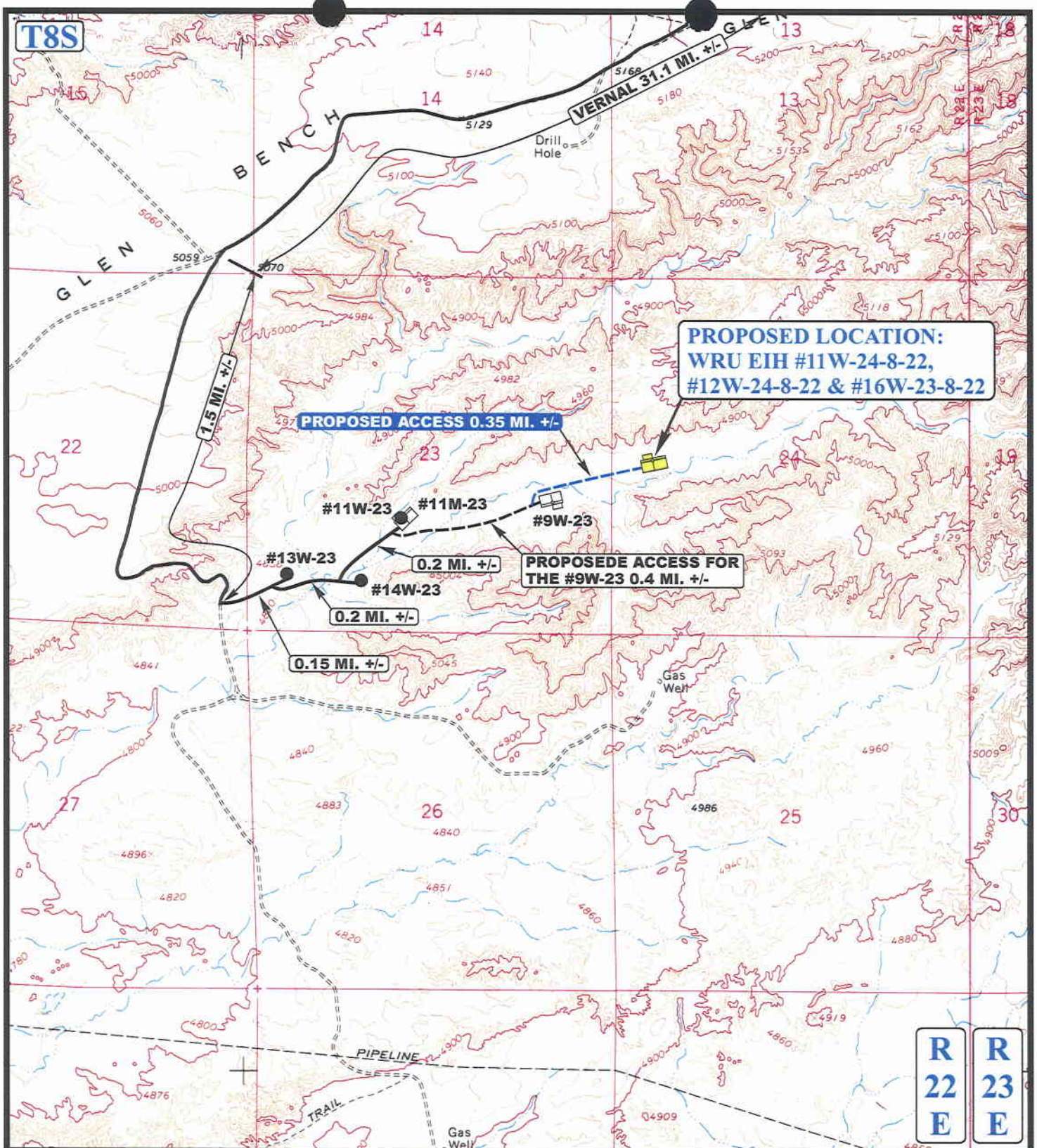
12 03 03  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 04-17-04

**A**  
TOPO

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# LEGEND:

EXISTING ROAD  
 PROPOSED ACCESS ROAD

# QUESTAR EXPLR. & PROD.

WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22  
SECTION 24, T8S, R22E, S.L.B.&M.  
NW 1/4 SW 1/4



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85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

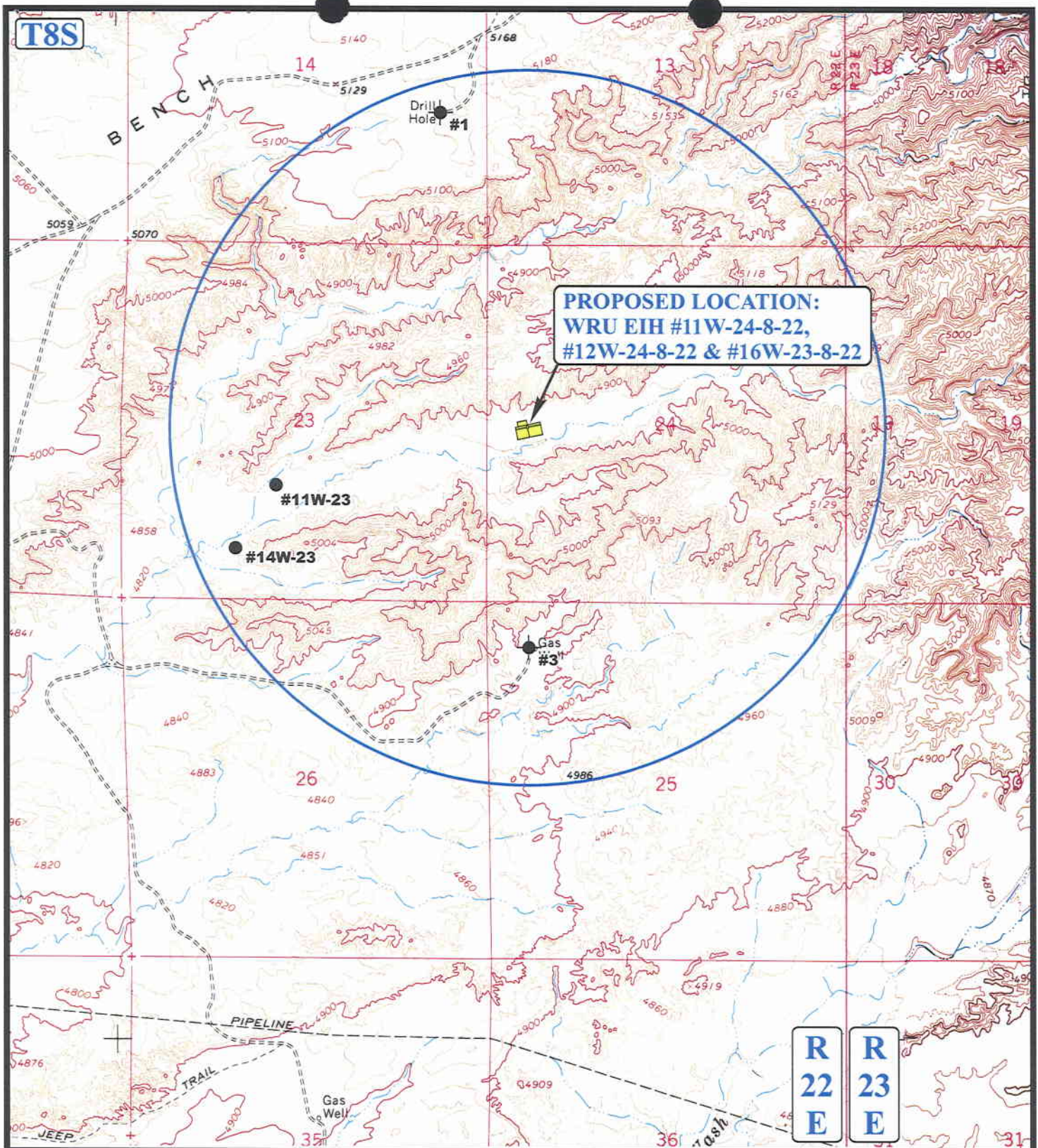
**12 03 03**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 04-17-04

**B**  
**TOPO**

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### LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS           |
| ● PRODUCING WELLS | ⊗ ABANDONED WELLS       |
| ⊙ SHUT IN WELLS   | ⊙ TEMPORARILY ABANDONED |



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



### QUESTAR EXPLR. & PROD.

**WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22**  
**SECTION 24, T8S, R22E, S.L.B.&M.**  
**NW 1/4 SW 1/4**

**TOPOGRAPHIC  
MAP**

**12 03 03**  
MONTH DAY YEAR

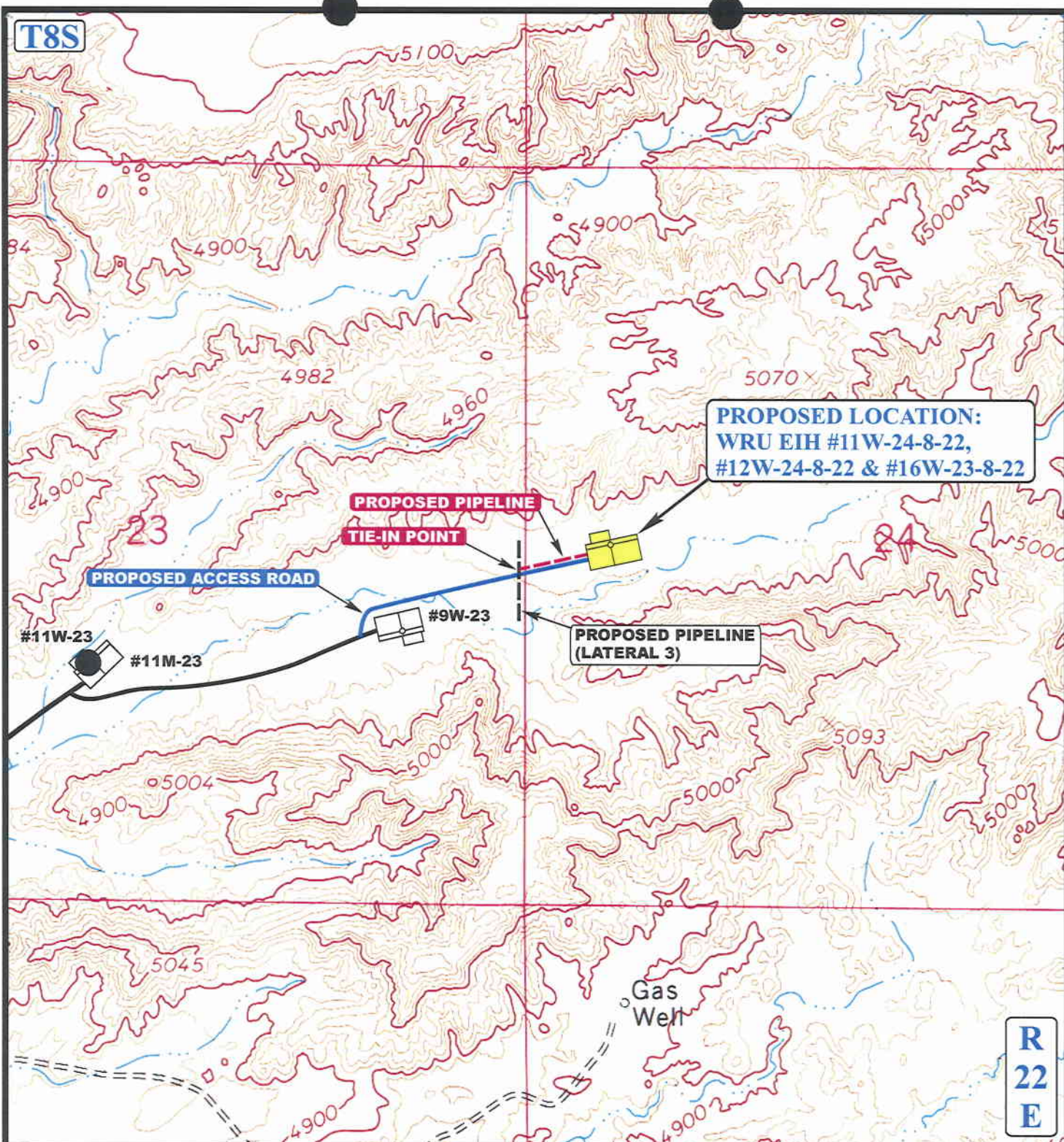
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 04-17-04



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T8S



APPROXIMATE TOTAL PIPELINE DISTANCE = 500' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

QUESTAR EXPLR. & PROD.

WRU EIH #11W-24-8-22, #12W-24-8-22 & #16W-23-8-22  
SECTION 24, T8S, R22E, S.L.B.&M.  
NW 1/4 SW 1/4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

12 03 03  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 04-17-04

D  
TOPO

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WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/17/2004

API NO. ASSIGNED: 43-047-35805

WELL NAME: WRU EIH 11MU-24-8-22

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

## PROPOSED LOCATION:

NWSW 24 080S 220E

SURFACE: 2578 FSL 0656 FWL

NWSW BOTTOM: 1980 FSL 1980 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-43917

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.10817

LONGITUDE: 109.39458

## RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit  
(No. 43-8496 )
- ☒ RDCC Review (Y/N)  
(Date: )
- ☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

- ☐ R649-2-3.
- Unit WHITE RIVER *in*
- ☐ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ☐ R649-3-3. Exception
- ☐ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- ☒ R649-3-11. Directional Drill

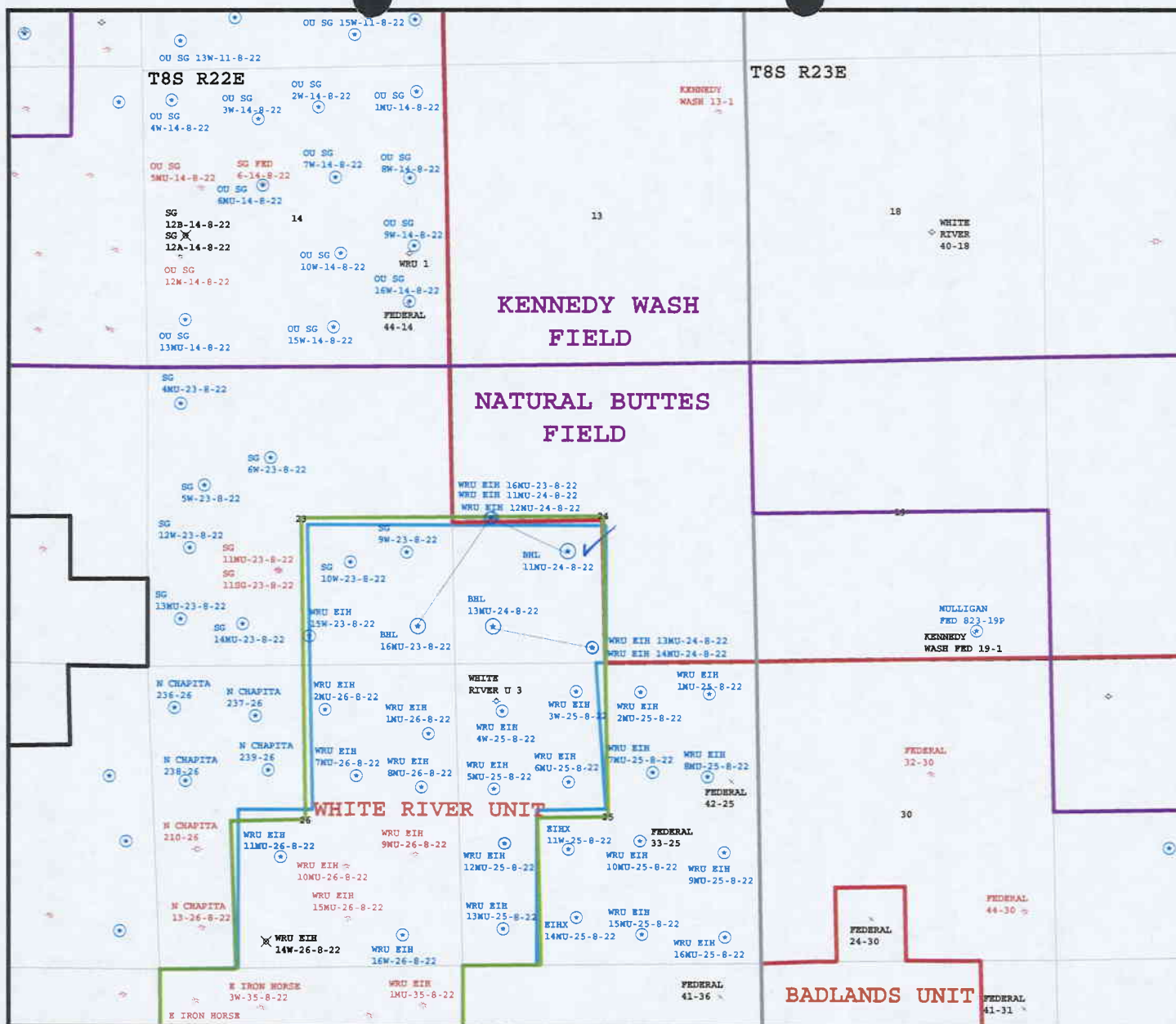
## COMMENTS:

*Sep, Spacing file*

## STIPULATIONS:

*1- Federal Approved  
2- Spacing Strip*





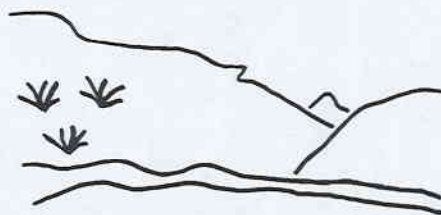
OPERATOR: QEP UINTA BASIN INC (N2460)

SEC. 24 T.8S, R.22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 18-JUNE-2004



003

**QUESTAR**

SENT VIA FACSIMILE & REGULAR MAIL

July 19, 2004

Mr. Bruce Johnston  
Westport Resources Corporation  
1670 Broadway, Ste 2800  
Denver, CO 80202

**RE: Exception Locations for Directional Drilling  
Uintah County, Utah**

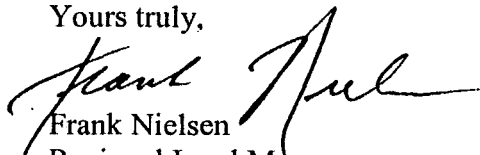
Gentlemen:

This is to request from Westport its written consent for exception locations involving the directional wells shown on Attachments #1 & 2 hereto. These wells are within the White River Unit and were recently proposed to Westport by Questar's letter of June 30, 2004.

The surface locations and points along certain upper portions of these directional wells are within the 460 ft. radius to adjoining leases where Westport is an owner, as shown on Attachment 3 hereto. However, the objective formations and prospective producing formations (Wasatch and Mesaverde) are within existing legal locations. Due to this, drainage is unlikely to occur in the upper portions of the wells. As such, Questar respectfully requests that Westport grant its consent for Questar to locate these wells at the proposed locations by executing a copy of this letter below and returning a copy to Questar.

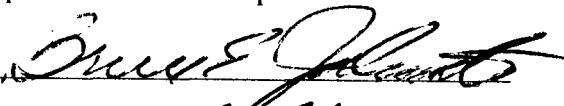
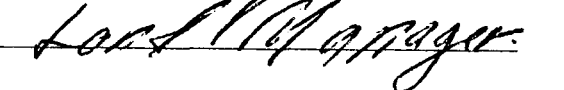
In the event we don't hear from Westport by August 10<sup>th</sup>, 2004, we will have to pursue this matter at a State Board Hearing. However, we propose to meet with you before that time and discuss the project with you. Should you have any technical questions, please call JD Herman in our office.

Yours truly,

  
Frank Nielsen  
Regional Land Manager

Consent to Questar's proposed well locations as stated herein

Westport Resources Corporation

By   
Title 

Questar Exploration and Production Company

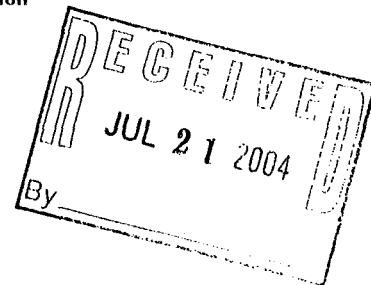
Independence Plaza

1050 17th Street, Suite 500

Denver, CO 80265

Tel 303 672 6900 • Fax 303 294 9632

Denver Division



RECEIVED

SEP 17 2004

DIV. OF OIL, GAS & MINING

## Attachment #1

### Exception Locations for Directional Drilling

Directional Wells with surface location in NWSW of Sec 24-8S-22E:

11MU-24-8-22, NESW of Sec 24-8S-22E (BHL)

12MU-24-8-22, NWSW of Sec 24-8S-22E (BHL)

16MU-23-8-22, SESE of Sec 23-8S-22E (BHL)

Directional Wells with surface location in SESW of Sec 24-8S-22E:

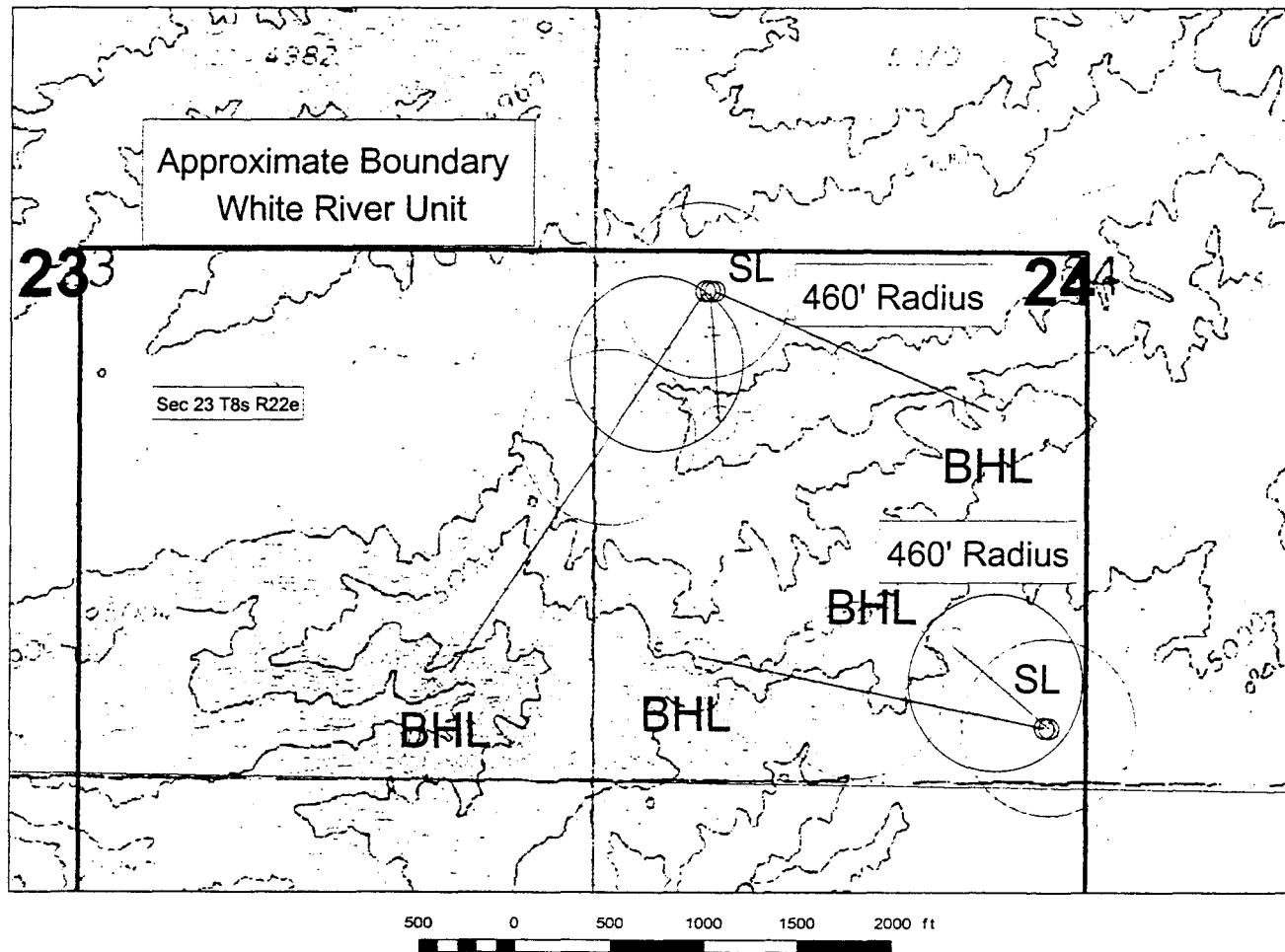
13MU-24-8-22, SWSW of Sec 24-8S-22E (BHL)

14MU-24-8-22, SESW of Sec 24-8S-22E (BHL)

### DIRECTIONAL WELLS:

<u>Well Name</u>	<u>Proposed Total Depth</u>		<u>Objective Formation</u>
	<u>TD (TVD)</u>	<u>TD (MD)</u>	
11mu-24-8-22	8700'	8972.2'	Wasatch/Upper Mesaverde
12mu-24-8-22	8700'	8740.1'	Wasatch/Upper Mesaverde
16mu-23-8-22	8700'	9243.9'	Wasatch/Upper Mesaverde
13mu-24-8-22	8700'	9050.2'	Wasatch/Upper Mesaverde
14mu-24-8-22	8700'	8733.5'	Wasatch/Upper Mesaverde

# Attachment #2





July 15, 2004

U-0385

DESCRIPTION:

T. 8 S., R. 22 E. Uintah County, SLM, Utah  
Sec. 13: S $\frac{1}{2}$ ;  
Sec. 23: NE $\frac{1}{4}$ ;  
Sec. 24: N $\frac{1}{2}$ , SE $\frac{1}{4}$ ;

T. 8 S., R. 23 E. Uintah County, SLM, Utah  
Sec. 18: Lots 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;

TOTAL ACRES: 1,273.53

LEASE DATE/EXPIRATION DATE: 7-1-1951/HBP (Kennedy Wash Unit)

LESSEE OF RECORD

Westport Oil & Gas Company, L.P. 50%  
1670 Broadway, #2800  
Denver, CO 80202

EOG Resources, Inc. 50%  
P.O. Box 4362  
Houston, TX 77210

OPERATING RIGHTS:

T. 8 S., R. 22 E. Uintah County, SLM, Utah  
Sec. 13: S $\frac{1}{2}$ ;  
Sec. 24: N $\frac{1}{2}$ , SE $\frac{1}{4}$ ;

T. 8 S., R. 23 E. Uintah County, SLM, Utah  
Sec. 18: Lots 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ; All Depths:

Westport Oil & Gas Company, L.P. 100%

T. 8 S., R. 22 E. Uintah County, SLM  
Sec. 23: NE $\frac{1}{4}$ ; All Depths:

Westport Oil & Gas Company, L.P. 50%  
EOG Resources, Inc. 50%

QEP UINTA BASIN, INC.  
WRU EIH 11MU-24-8-22  
2578' FSL 656' FWL BOTTOM HOLE 1980' FSL 1980' FWL  
NE 1/4 SECTION 24, T8S, R22E,  
UINTAH COUNTY, UTAH  
LEASE# UTU-43917

ONSHORE ORDER NO. 1

**MULTI - POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the WRU EIH 11MU-24-8-22 on June 8, 2004. Weather conditions were sunny and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Dixie Saddler	Bureau of Land Management
Jan Nelson	QEP Uinta Basin, Inc.

**1. Existing Roads:**

The proposed well site is approximately 32 miles South West of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

There will be no improvements made to existing access roads.

**2. Planned Access Roads:**

Please see QEP Uinta Basin Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

**3. Location of Existing Wells Within a 1 - Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

Please see QEP Uinta Basin Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

**5. Location and Type of Water Supply:**

Please see QEP Uinta Basin Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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**6. Source of Construction Materials:**

Please see QEP Uinta Basin Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**7. Methods of Handling Waste Materials:**

Please see QEP Uinta Basin Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**8. Ancillary Facilities:**

Please see QEP Uinta Basin Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Location size for WRU EIH 12MU-24-8-22 has changed from 350' x 198' to 390' x 198'. Reserve pit changed from 150' x 70' to 223' x 70' to accommodate three wells on same pad.

A pit liner is required felt if rock encountered.

**10. Plans for Reclamation of the Surface:**

Please see QEP Uinta Basin Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Reclamation will be according to the stipulations on the WRU EIH 12MU-24-8-22.

Seed Mix # 5	
Gardner Saltbush	4lbs/acre
Shadscale	4lbs/acre
Hycrest Crested Wheat	4lbs/acre

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

There is a Burrowing Owl Stipulation from April 1st through August 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

Critical soil no drilling or construction during wet periods.

Construct Erosion Control Structure north of location use culvert for spill way

Additional top soil between access road and corner four.

**CONFIDENTIAL**



**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Rep.  
QEP Uinta Basin Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch  
John Busch  
Red Wash Operations Representative

08-Jun-04  
Date

**CONFIDENTIAL**

**Additional Operator Remarks**

QEP, Uinta Basin Inc. proposes to directional drill this well to 8972' to test the MesaVerde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

See attached drilling program.

See multi point surface use program.

Please be advised that QEP, Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP, Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

**CONFIDENTIAL**

Qep Uinta Basin, Inc.  
WRU EIH 11MU-24-8-22

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<b>Formation</b>	<b>TVD</b>	<b>MD Depth</b>
Uinta	Surface	Surface
Wasatch	5402'	5639'
Mesa Verde	7825'	8700'
TD	8700'	8972'

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<b>Substance</b>	<b>Formation</b>	<b>TVD</b>	<b>MD</b>
Oil/Gas	Mesa Verde	8700	8972

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3891.0 psi.

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WRU EIH PAD NW4 SW/4  
 Uintah County, Utah  
 Sec 24 T8S R22E

Site Centre Latitude: 40°06'28.930N  
 Longitude: 109°23'44.250W

**QUESTAR**



Azimuths to True North  
 Magnetic North: 12.23°

Magnetic Field  
 Strength: 53289nT  
 Dip Angle: 66.22°  
 Date: 3/13/2004  
 Model: igr2000

#### WELL DETAILS

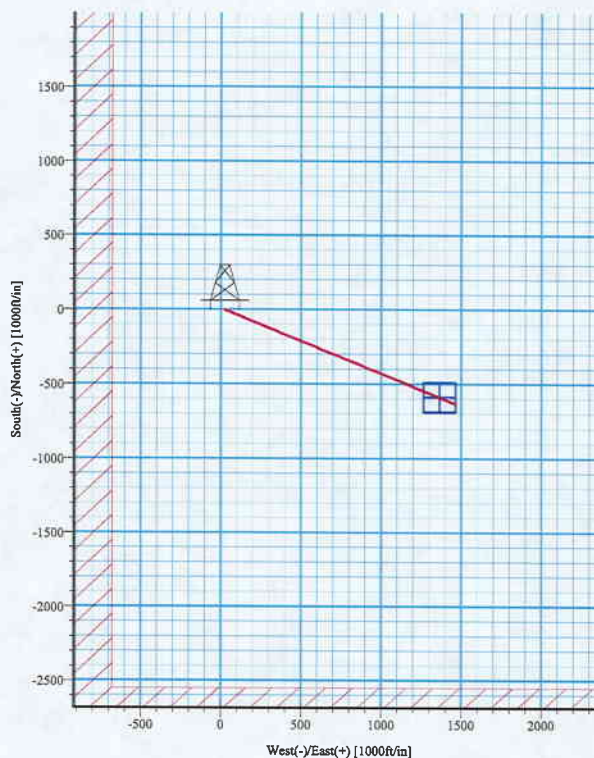
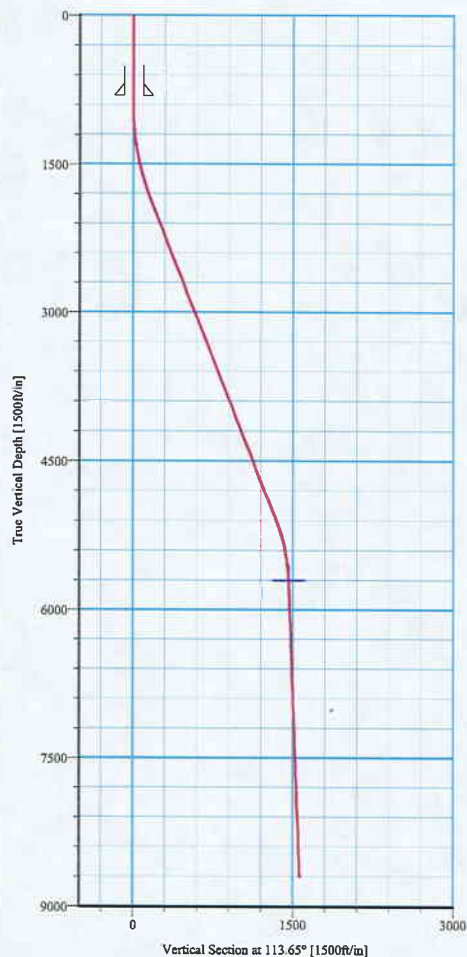
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WRU EIH #11MU-24-8-22	0.0	25.0	3205865.69	2228926.18	40°06'28.803N	109°23'46.388W	N/A

#### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	113.65	0.0	0.0	25.0	0.00	0.00	0.0	
2	900.0	0.00	113.65	900.0	0.0	25.0	0.00	0.00	0.0	
3	1900.0	20.00	113.65	1879.8	-69.3	183.3	2.00	113.65	172.8	
4	5322.1	20.00	113.65	5095.6	-538.9	1255.4	0.00	0.00	1343.2	
5	5940.4	2.00	113.65	5700.0	-586.0	1363.0	2.91	180.00	1460.7	1980 FW & 1980 FS SEC24 8S 22E
6	8942.2	2.00	113.65	8700.0	-628.0	1459.0	0.00	0.00	1565.5	

#### CASING DETAILS

No.	TVD	MD	Name	Size
1	800.0	800.0	9 5/8"	9.625



Plan: 11MU-24-8-22 (WRU EIH #11MU-24-8-22/11MU-24-8-22)  
 Created By: Steve Schmitz, P.E. Date: 3/14/2004  
 Checked: \_\_\_\_\_ Date: \_\_\_\_\_

**CONFIDENTIAL**

## Planning Report

Company: Questar E & P Date: 3/14/2004 Time: 06:57:16 Page: 1  
 Field: Uintah Basin Co-ordinate(NE) Reference: Site: WRU EIH PAD NW4 SW/4, True North  
 Site: WRU EIH PAD NW4 SW/4 Vertical (TVD) Reference: SITE 0.0  
 Well: WRU EIH #11MU-24-8-22 Section (VS) Reference: Well (0.00N,25.00E,113.65Azi)  
 Wellpath: 11MU-24-8-22 Plan: 11MU-24-8-22

Field: Uintah Basin  
 Utah

Map System: US State Plane Coordinate System 1983  
 Geo Datum: GRS 1980  
 Sys Datum: Mean Sea Level

Map Zone: Utah, Northern Zone  
 Coordinate System: Site Centre  
 Geomagnetic Model: igrf2000

Site: WRU EIH PAD NW4 SW/4  
 Uintah County, Utah  
 617 FW & 2566 FS of Sec 24 T8S R22E

Site Position: Northing: 3205865.08 ft Latitude: 40 6 28.803 N  
 From: Geographic Easting: 2228901.18 ft Longitude: 109 23 46.710 W  
 Position Uncertainty: 0.0 ft North Reference: True  
 Ground Level: 0.0 ft Grid Convergence: 1.39 deg

Well: WRU EIH #11MU-24-8-22  
 Well #2

Slot Name:

Well Position: +N/-S 0.0 ft Northing: 3205865.69 ft Latitude: 40 6 28.803 N  
 +E/-W 25.0 ft Easting: 2228926.18 ft Longitude: 109 23 46.388 W  
 Position Uncertainty: 0.0 ft

Wellpath: 11MU-24-8-22

Drilled From: Surface  
 Tie-on Depth: 0.0 ft  
 Above System Datum: Mean Sea Level  
 Declination: 12.23 deg  
 Mag Dip Angle: 66.22 deg  
 +E/-W Direction  
 ft deg

Current Datum: SITE Height 0.0 ft  
 Magnetic Data: 3/13/2004  
 Field Strength: 53289 nT  
 Vertical Section: Depth From (TVD) +N/-S  
 ft ft

0.0 0.0 25.0 113.65

Plan: 11MU-24-8-22

Date Composed: 3/13/2004  
 Version: 1  
 Tied-to: From Surface

Principal: Yes

### Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.0	0.00	113.65	0.0	0.0	25.0	0.00	0.00	0.00	0.00	
900.0	0.00	113.65	900.0	0.0	25.0	0.00	0.00	0.00	0.00	
1900.0	20.00	113.65	1879.8	-69.3	183.3	2.00	2.00	0.00	113.65	
5322.1	20.00	113.65	5095.6	-538.9	1255.4	0.00	0.00	0.00	0.00	
5940.4	2.00	113.65	5700.0	-586.0	1363.0	2.91	-2.91	0.00	180.00	1980 FW & 1980 FS SEC24 8
8942.2	2.00	113.65	8700.0	-628.0	1459.0	0.00	0.00	0.00	0.00	

### Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.0	0.00	113.65	0.0	0.0	25.0	0.0	0.00	0.00	0.00	0.00
100.0	0.00	113.65	100.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
200.0	0.00	113.65	200.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
300.0	0.00	113.65	300.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
400.0	0.00	113.65	400.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
500.0	0.00	113.65	500.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
600.0	0.00	113.65	600.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
700.0	0.00	113.65	700.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
800.0	0.00	113.65	800.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65
900.0	0.00	113.65	900.0	0.0	25.0	0.0	0.00	0.00	0.00	113.65

### Section 2 : Start Build 2.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1000.0	2.00	113.65	1000.0	-0.7	26.6	1.7	2.00	2.00	0.00	0.00
1100.0	4.00	113.65	1099.8	-2.8	31.4	7.0	2.00	2.00	0.00	0.00
1200.0	6.00	113.65	1199.5	-6.3	39.4	15.7	2.00	2.00	0.00	0.00

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**Planning Report**

Company: Questar E &amp; P

Date: 3/14/2004

Time: 06:57:16

Page: 2

Field: Uintah Basin

Co-ordinate(NE) Reference: Site: WRU EIH PAD NW4 SW/4, True North

Site: WRU EIH PAD NW4 SW/4

Vertical (TVD) Reference: SITE 0.0

Well: WRU EIH #11MU-24-8-22

Section (VS) Reference: Well (0.00N,25.00E,113.65Azi)

Wellpath: 11MU-24-8-22

Plan:

11MU-24-8-22

**Section 2 : Start Build 2.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1300.0	8.00	113.65	1298.7	-11.2	50.5	27.9	2.00	2.00	0.00	0.00
1400.0	10.00	113.65	1397.5	-17.5	64.9	43.5	2.00	2.00	0.00	0.00
1500.0	12.00	113.65	1495.6	-25.1	82.3	62.6	2.00	2.00	0.00	0.00
1600.0	14.00	113.65	1593.1	-34.1	102.9	85.1	2.00	2.00	0.00	0.00
1700.0	16.00	113.65	1689.6	-44.5	126.7	111.0	2.00	2.00	0.00	0.00
1800.0	18.00	113.65	1785.3	-56.3	153.4	140.2	2.00	2.00	0.00	0.00
1900.0	20.00	113.65	1879.8	-69.3	183.3	172.8	2.00	2.00	0.00	0.00

**Section 3 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2000.0	20.00	113.65	1973.8	-83.0	214.6	207.0	0.00	0.00	0.00	0.00
2100.0	20.00	113.65	2067.8	-96.8	245.9	241.2	0.00	0.00	0.00	0.00
2200.0	20.00	113.65	2161.7	-110.5	277.2	275.4	0.00	0.00	0.00	0.00
2300.0	20.00	113.65	2255.7	-124.2	308.6	309.6	0.00	0.00	0.00	0.00
2400.0	20.00	113.65	2349.7	-137.9	339.9	343.8	0.00	0.00	0.00	0.00
2500.0	20.00	113.65	2443.6	-151.6	371.2	378.0	0.00	0.00	0.00	0.00
2600.0	20.00	113.65	2537.6	-165.4	402.6	412.2	0.00	0.00	0.00	0.00
2700.0	20.00	113.65	2631.6	-179.1	433.9	446.4	0.00	0.00	0.00	0.00
2800.0	20.00	113.65	2725.5	-192.8	465.2	480.6	0.00	0.00	0.00	0.00
2900.0	20.00	113.65	2819.5	-206.5	496.5	514.8	0.00	0.00	0.00	0.00
3000.0	20.00	113.65	2913.5	-220.2	527.9	549.0	0.00	0.00	0.00	0.00
3100.0	20.00	113.65	3007.4	-234.0	559.2	583.2	0.00	0.00	0.00	0.00
3200.0	20.00	113.65	3101.4	-247.7	590.5	617.4	0.00	0.00	0.00	0.00
3300.0	20.00	113.65	3195.4	-261.4	621.9	651.6	0.00	0.00	0.00	0.00
3400.0	20.00	113.65	3289.4	-275.1	653.2	685.8	0.00	0.00	0.00	0.00
3500.0	20.00	113.65	3383.3	-288.8	684.5	720.0	0.00	0.00	0.00	0.00
3600.0	20.00	113.65	3477.3	-302.6	715.8	754.2	0.00	0.00	0.00	0.00
3700.0	20.00	113.65	3571.3	-316.3	747.2	788.4	0.00	0.00	0.00	0.00
3800.0	20.00	113.65	3665.2	-330.0	778.5	822.6	0.00	0.00	0.00	0.00
3900.0	20.00	113.65	3759.2	-343.7	809.8	856.8	0.00	0.00	0.00	0.00
4000.0	20.00	113.65	3853.2	-357.5	841.2	891.0	0.00	0.00	0.00	0.00
4100.0	20.00	113.65	3947.1	-371.2	872.5	925.2	0.00	0.00	0.00	0.00
4200.0	20.00	113.65	4041.1	-384.9	903.8	959.4	0.00	0.00	0.00	0.00
4300.0	20.00	113.65	4135.1	-398.6	935.2	993.6	0.00	0.00	0.00	0.00
4400.0	20.00	113.65	4229.0	-412.3	966.5	1027.8	0.00	0.00	0.00	0.00
4500.0	20.00	113.65	4323.0	-426.1	997.8	1062.0	0.00	0.00	0.00	0.00
4600.0	20.00	113.65	4417.0	-439.8	1029.1	1096.2	0.00	0.00	0.00	0.00
4700.0	20.00	113.65	4511.0	-453.5	1060.5	1130.4	0.00	0.00	0.00	0.00
4800.0	20.00	113.65	4604.9	-467.2	1091.8	1164.6	0.00	0.00	0.00	0.00
4900.0	20.00	113.65	4698.9	-480.9	1123.1	1198.8	0.00	0.00	0.00	0.00
5000.0	20.00	113.65	4792.9	-494.7	1154.5	1233.0	0.00	0.00	0.00	0.00
5100.0	20.00	113.65	4886.8	-508.4	1185.8	1267.2	0.00	0.00	0.00	0.00
5200.0	20.00	113.65	4980.8	-522.1	1217.1	1301.4	0.00	0.00	0.00	0.00
5300.0	20.00	113.65	5074.8	-535.8	1248.4	1335.6	0.00	0.00	0.00	0.00
5322.1	20.00	113.65	5095.6	-538.9	1255.4	1343.2	0.00	0.00	0.00	0.00

**Section 4 : Start Drop -2.91**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5400.0	17.73	113.65	5169.2	-549.0	1278.4	1368.4	2.91	-2.91	0.00	180.00
5500.0	14.82	113.65	5265.2	-560.2	1304.1	1396.4	2.91	-2.91	0.00	180.00
5600.0	11.91	113.65	5362.5	-569.5	1325.3	1419.5	2.91	-2.91	0.00	180.00
5700.0	9.00	113.65	5460.8	-576.8	1341.9	1437.7	2.91	-2.91	0.00	180.00
5800.0	6.09	113.65	5560.0	-582.0	1353.9	1450.8	2.91	-2.91	0.00	180.00
5900.0	3.18	113.65	5659.6	-585.3	1361.3	1458.9	2.91	-2.91	0.00	180.00
5940.4	2.00	113.65	5700.0	-586.0	1363.0	1460.7	2.91	-2.91	0.00	-180.00

Company: Questar E & P  
Field: Uintah Basin  
Site: WRU EIH PAD NW4 SW/4  
Well: WRU EIH #11MU-24-8-22  
Wellpath: 11MU-24-8-22

Date: 3/14/2004 Time: 06:57:16 Page: 3  
Co-ordinate(NE) Reference: Site: WRU EIH PAD NW4 SW/4, True North  
Vertical (TVD) Reference: SITE 0.0  
Section (VS) Reference: Well (0.00N,25.00E,113.65Azi)  
Plan: 11MU-24-8-22

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6000.0	2.00	113.65	5759.5	-586.8	1364.9	1462.8	0.00	0.00	0.00	0.00
6100.0	2.00	113.65	5859.5	-588.2	1368.1	1466.3	0.00	0.00	0.00	0.00
6200.0	2.00	113.65	5959.4	-589.6	1371.3	1469.8	0.00	0.00	0.00	0.00
6300.0	2.00	113.65	6059.4	-591.0	1374.5	1473.2	0.00	0.00	0.00	0.00
6400.0	2.00	113.65	6159.3	-592.4	1377.7	1476.7	0.00	0.00	0.00	0.00
6500.0	2.00	113.65	6259.2	-593.8	1380.9	1480.2	0.00	0.00	0.00	0.00
6600.0	2.00	113.65	6359.2	-595.2	1384.1	1483.7	0.00	0.00	0.00	0.00
6700.0	2.00	113.65	6459.1	-596.6	1387.3	1487.2	0.00	0.00	0.00	0.00
6800.0	2.00	113.65	6559.1	-598.0	1390.5	1490.7	0.00	0.00	0.00	0.00
6900.0	2.00	113.65	6659.0	-599.4	1393.7	1494.2	0.00	0.00	0.00	0.00
7000.0	2.00	113.65	6758.9	-600.8	1396.9	1497.7	0.00	0.00	0.00	0.00
7100.0	2.00	113.65	6858.9	-602.2	1400.1	1501.2	0.00	0.00	0.00	0.00
7200.0	2.00	113.65	6958.8	-603.6	1403.3	1504.7	0.00	0.00	0.00	0.00
7300.0	2.00	113.65	7058.8	-605.0	1406.5	1508.1	0.00	0.00	0.00	0.00
7400.0	2.00	113.65	7158.7	-606.4	1409.7	1511.6	0.00	0.00	0.00	0.00
7500.0	2.00	113.65	7258.6	-607.8	1412.9	1515.1	0.00	0.00	0.00	0.00
7600.0	2.00	113.65	7358.6	-609.2	1416.1	1518.6	0.00	0.00	0.00	0.00
7700.0	2.00	113.65	7458.5	-610.6	1419.3	1522.1	0.00	0.00	0.00	0.00
7800.0	2.00	113.65	7558.4	-612.0	1422.4	1525.6	0.00	0.00	0.00	0.00
7900.0	2.00	113.65	7658.4	-613.4	1425.6	1529.1	0.00	0.00	0.00	0.00
8000.0	2.00	113.65	7758.3	-614.8	1428.8	1532.6	0.00	0.00	0.00	0.00
8100.0	2.00	113.65	7858.3	-616.2	1432.0	1536.1	0.00	0.00	0.00	0.00
8200.0	2.00	113.65	7958.2	-617.6	1435.2	1539.6	0.00	0.00	0.00	0.00
8300.0	2.00	113.65	8058.1	-619.0	1438.4	1543.0	0.00	0.00	0.00	0.00
8400.0	2.00	113.65	8158.1	-620.4	1441.6	1546.5	0.00	0.00	0.00	0.00
8500.0	2.00	113.65	8258.0	-621.8	1444.8	1550.0	0.00	0.00	0.00	0.00
8600.0	2.00	113.65	8358.0	-623.2	1448.0	1553.5	0.00	0.00	0.00	0.00
8700.0	2.00	113.65	8457.9	-624.6	1451.2	1557.0	0.00	0.00	0.00	0.00
8800.0	2.00	113.65	8557.8	-626.0	1454.4	1560.5	0.00	0.00	0.00	0.00
8900.0	2.00	113.65	8657.8	-627.4	1457.6	1564.0	0.00	0.00	0.00	0.00
8942.2	2.00	113.65	8700.0	-628.0	1459.0	1565.5	0.00	0.00	0.00	0.00

**Casing Points**

MD ft	TVD ft	Diameter in	Hole Size in	Name
800.0	800.0	9.625	12.250	9 5/8"



002

**QUESTAR**

QEP U nta Basin, Inc.

11002 East 17500 South

Vernal, UT 84078

Tel 435 781 4300 • Fax 435 781 4329

September 20, 2004

Division of Oil, Gas & Mining  
1594 W. N. Temple STE 1210  
Salt Lake City, UT 84114-5801

To Whom It May Concern:

QEP Uinta Basin, Inc., Well # WRU EIH 16MU-23-8-22, WRU EIH 11MU-24-8-22 and  
WRU EIH 13MU-24-8-22 are and exception locations due to topography.

In reference to the State Oil and Gas Conservation rule R649-3-11, the lease owners within 460' of the  
proposed location have been contacted and approval given (see attachment). QEP Uinta Basin, Inc. will  
be the operator on all three wells.

If you have any question please contact Jan Nelson @ (435) 781-4331.

Thank you,



Jan Nelson

RECEIVED

SEP 20 2004

DIV. OF OIL, GAS &amp; MINING



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

September 20, 2004

QEP Uinta Basin, Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: White River Unit East Iron Horse 11MU-24-8-22 Well, Surface Location  
2578' FSL, 656' FWL, NW SW, Sec. 24, T. 8 South, R. 22 East, Bottom  
Location 1980' FSL, 1980' FWL, NE SW, Sec. 24, T. 8 South, R. 22 East,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35805.

Sincerely,

John R. Baza  
Associate Director

pab

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** QEP Uinta Basin, Inc.  
**Well Name & Number** White River Unit East Iron Horse 11MU-24-8-22  
**API Number:** 43-047-35805  
**Lease:** UTU-43917

**Surface Location:** NW SW      **Sec.** 24      **T.** 8 South      **R.** 22 East  
**Bottom Location:** NE SW      **Sec.** 24      **T.** 8 South      **R.** 22 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.**

Page 2

API #43-047-35805

September 20, 2004

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

**010**

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No.  
UTU43917

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.  
UTU63021X

8. Lease Name and Well No.  
WRU EIH 11MU-24-8-22

9. API Well No.  
**43,047,35805**

10. Field and Pool, or Exploratory  
NATURAL BUTTES

1a. Type of Work: ☒ DRILL ☐ REENTER

**CONFIDENTIAL**

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
QEP UINTA BASIN INC  
Contact: JOHN BUSCH  
E-Mail: john.busch@questar.com

3a. Address  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.4341  
Fx: 435.781.4323

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NWSW 2578FSL 656FWL

At proposed prod. zone NESW 1980FSL 1980FWL

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 24 T8S R22E Mer SLB  
SME: BLM

14. Distance in miles and direction from nearest town or post office\*  
32 + / - MILES SOUTH WEST FROM VERNAL, UT.

12. County or Parish  
UINTAH

13. State  
UT

15. Distance from proposed location to nearest property or  
lease line, ft. (Also to nearest drig. unit line, if any)  
656 +/-

16. No. of Acres in Lease  
480.00

17. Spacing Unit dedicated to this well  
40.00

18. Distance from proposed location to nearest well, drilling,  
completed, applied for, on this lease, ft.  
1500 +/-

19. Proposed Depth  
8972 MD  
8700 TVD

20. BLM/BIA Bond No. on file

21. Elevations (Show whether DF, KB, RT, GL, etc.)  
4865 GL

22. Approximate date work will start

23. Estimated duration  
10 DAYS

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |  |
|--|--|
| 1. Well plat certified by a registered surveyor.<br>2. A Drilling Plan.<br>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).<br>5. Operator certification<br>6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature  
(Electronic Submission)

Name (Printed/Typed)  
JOHN BUSCH

Date  
06/14/2004

Title  
OPERATIONS

Approved by (Signature)  
(Electronic Submission)

Name (Printed/Typed)  
HOWARD B CLEAVINGER II

Date  
10/21/2004

Title  
AFM FOR MINERAL RESOURCES

Office  
Vernal

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Additional Operator Remarks (see next page)**

Electronic Submission #31470 verified by the BLM Well Information System  
For QEP UINTA BASIN INC, sent to the Vernal  
Committed to AFMSS for processing by LESLIE WALKER on 06/17/2004 (04LW3923AE)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## Revisions to Operator-Submitted EC Data for APD #31470

### Operator Submitted

Lease: UTU-43917  
Agreement: WHITE RIVER UNIT  
Operator: QEP UINTA BASIN, INC.  
11002 E. 17500 S.  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323

Admin Contact: JOHN BUSCH  
OPERATIONS  
11002 E. 17500 S.  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323  
E-Mail: john.busch@questar.com

Tech Contact:

Well Name: WRU EIH  
Number: 11MU-24-8-22  
Location:  
State: UT  
County: UINTAH  
S/T/R: Sec 24 T8S R22E Mer SLB  
Surf Loc: NWSW 2578FSL 656FWL  
Field/Pool: NATURAL BUTTES

Bond: ESB000024

### BLM Revised (AFMSS)

UTU43917  
UTU63021X  
QEP UINTA BASIN INC  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078  
Ph: 435.781.4300

JOHN BUSCH  
OPERATIONS  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323  
E-Mail: john.busch@questar.com

WRU EIH  
11MU-24-8-22

UT  
UINTAH  
Sec 24 T8S R22E Mer SLB  
NWSW 2578FSL 656FWL  
NATURAL BUTTES

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.  
Well Name & Number: WRU EIH 11MU-24-8-22  
API Number: 43-047-35805  
Lease Number: U-43917  
Location: NWSW Sec. 24 T.8S R. 22E  
Agreement: White River Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the base of the Green River formation which has been identified at  $\pm 2397'$ .

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supercede the requirement for submittal of paper logs to the BLM.**

Other Information

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410



**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: QEP, Uinta Basin, Inc

API Number: 43-047-35805

Well Name & Number: 11MU-24-8-22

Lease number: U-43917

Location: NW SW Sec, 24, T.8S. R. 22E.

Surface Ownership: BLM

Date NOS Received: 12/15/03

Date APD Received: 6/14/04

Conditions for Approval are in the APD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

011

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

CONFIDENTIAL

2. Name of Operator

QEP, UINTA BASIN, INC.

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Contact: Dahn.Caldwell@questar.com  
435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE - NWSW, Sec 24-T8-R22E, 2578' FSL, 656' FWL  
BOTTOM - NESW, Sec 24-T8-R22E, 1980' FSL, 1980' FWL

5. Lease Designation and Serial No.

UTU-43917

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

UTU63021X

8. Well Name and No.

WRU EIH 11MU 24 8 22

9. API Well No.

43-047-35805

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other SPUD

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

This well was spud on 1/19/2005. Drilled 12-1/4" hole to 720'. Ran 16 jts of 9-5/8" csg, 36#, K-55 and landed at 724'KB.  
Cemented w/ 325 sxs Premium Plus cement.

RECEIVED  
JAN 27 2005  
DIV. OF OIL, GAS & MINING

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.  
Signed

Dahn F. Caldwell

Title

Administrative Asst.

Date

1/25/2005

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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012

State of Utah  
Division of Oil, Gas and Mining

## ENTITY ACTION FORM - FORM 6

OPERATOR: **QEP Uinta Basin, Inc.**  
ADDRESS: **11002 East 17500 South  
Vernal, Utah 84078-8526**

OPERATOR ACCT. No. N-2460

(435)781-4300

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	14540	43-047-35805	WRU EIH 11MU 24 8 22	NWSW	24	8S	22E	Uintah	1/19/2005	1/31/05 K

WELL 1 COMMENTS: Bottom Location 1980' FSL, 1980' FWL, NESW Sec 24, T8S, R22E.

MVRD

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WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

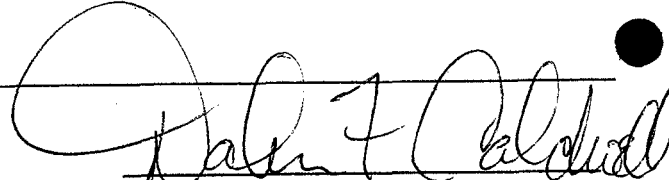
ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

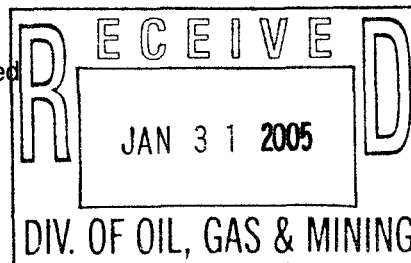
2/02/04

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

  
Signature

Administrative Asst. 1/25/05  
Title Date

Phone No. (435)781-4342

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

013

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Gas  
☐ Well ☒ Well ☐ Other

2. Name of Operator  
QEP Uinta Basin Inc.

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Surface Location, NWSW 2578' FSL 656 FWL Section 24, T8S, R22E  
Bottom Hole Location, NESW 1980' FSL 1980' FWL Section 24, T8S, R22E

5. Lease Designation and Serial No.  
UTU-43917

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
WHITE RIVER UNIT

8. Well Name and No.  
WRU EIH 11MU-24-8-22

9. API Well No.  
43-047-35805

10. Field and Pool, or Exploratory Area  
NATURAL BUTTES

11. County or Parish, State  
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. proposes to directional drill this well to the Mesaverde formation. The proposed TD was 8972' MD, 8700' TVD, the new proposed TD will be 10358' TVD, 10600' MD. Please see attachments for BOP, casing and cementing changes.

QEP Uinta Basin, Inc. proposes to change the name of the WRU EIH 11MU-24-8-22 to WRU EIH 11ML-24-8-22.

Federal Approval of this  
Action is Necessary

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 02-02-05

By: [Signature]

RECEIVED

FEB 01 2005

14. I hereby certify that the foregoing is true and correct.

Signed Jan Nelson

Title Regulatory Affairs Analyst

1-26-05

(This space for Federal or State office use)

Approved by:

Title

COPIES SENT TO OPERATOR

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

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DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	TVD Depth	MD Depth
Uinta	Surface	Surface
Kickoff Point	1000'	1000'
Green River	2456'	2538'
Mahogany	3006'	3100'
Wasatch	5441'	5680'
Mesa Verde	7921'	8193'
Sego	10291'	10533'
TD	10358'	10600'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	TVD	MD
Oil/Gas	Mesa Verde	10358'	10600'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

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## DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

All waste water resulting from drilling operations will be disposed of at Red Wash Disposal Site located NESW Section 28, T7S, R22E.

### 3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, or 70% of the burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

### 4. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	700'	12 1/4"	9-5/8"	J-55	36 lb/ft (new) LT&C
Intermediate	4025'	8 3/4"	7"	J-55	26lb/ft (new) LT&C
Production	1000'	6 1/8"	4 1/2"	P-110	11.60lb/ft (new) T&C
Production	9600'	6 1/8"	4 -1/2"	M-80	11.60 lb/ft (new)LT&C
TD	10600'				

CONFIDENTIAL

DRILLING PROGRAM

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes  
If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

CONFIDENTIAL

DRILLING PROGRAM

---

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 4500 to TD  
GR-SP-Induction  
Neutron Density  
MRI

C. Formation and Completion Interval: Mesa Verde interval, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
Surface	365sx	Class "G" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 160 cf (685 sx) calculated. Tail plug used. Allowed to set under pressure

Intermediate	Lead-413sx* Tail-49sx*	Lead/Tail oilfield type cement circulated in place . Tail slurry: Class "G" + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill to 3156' Top of Tail.
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Cement Characteristics:

Lead slurry: Class "G" + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

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DRILLING PROGRAM

Production      Lead-409sx\*  
Tail-165sx\*

Lead/Tail oilfield type cement circulated in place .  
Tail slurry: Class "G" + gilsonite and additives as  
required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill  
to 5175' ( $\pm 500'$  above top of Wasatch).

Cement Characteristics:

Lead slurry: Class "G" + extender and additives as  
required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill  
to surface. Tail plug used. Allowed to set under  
pressure.

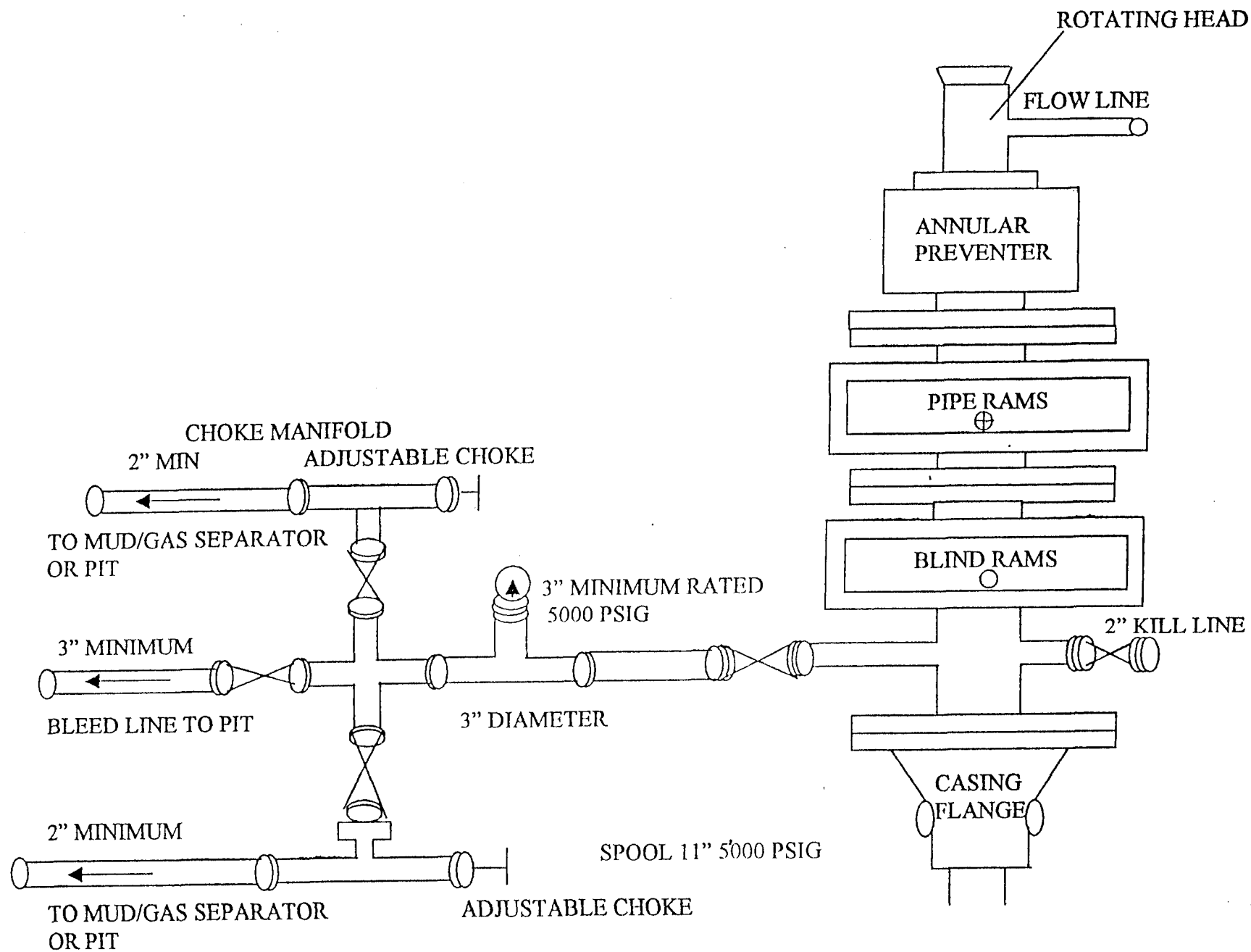
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in  
or known to exist from previous wells drilled to similar depths in the general area.  
Maximum anticipated bottom hole pressure equals approximately 4492.0 psi. Maximum  
anticipated bottom hole temperature is 140° F.

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# 5000 PSIG DIAGRAM



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WEEKLY OPERATIONS REPORT – March 10, 2005

*TOGS R23E S-24*  
*43-047-35825*

UINTA BASIN“Drilling Activity – Operated” 3-10-05

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 2,545 feet in tangent. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 5,529 feet building angle at 55.2°. Drill one 2,600' lateral. Next well RW 12-36B horizontal well with two 2,100' laterals.
- True #26 – GB 7MU-36-8-21 drilling at 5,330 feet. PTD 8,850'. Next well SG 8MU-11-8-22. PTD 9,500'.

“Completions & New Wells to Sales” 3-10-05:

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; flow tested @ 3.8 Mmcfpd @ 1427 psi FCP on 2 - 11/64" (2 sep.) against 870 psi LP; currently curtailed through existing compressor @ 1083 Mcfpd @ 2281 psi FCP on a 11/64" choke w/ no fluid; Comet will be shutting down (and moving) downstream compressor, which will allow us to flow unrestricted against the higher LP on Mar. 21st. Will order lease compressor Friday once ROW w/ tribe is signed.

**RWS 8ML-14-9-24:** (25% WI) 3 MV fracs pumped; isolated 3 sets of intervals w/ BP & pkr. for gas entry w/ limited fluid entry; but all appeared wet, perf'd and brokedown 7 MV coals, will add 2 sands and acidize Friday.

**SG 11MU-14-8-22:** (43.75% WI) 4 fracs pumped Tues. 3/1; swabbing well in; might kick-off tomorrow.

**WV 14MU-10-8-21:** (100% WI) Frac'd. 3 MV & 3 Wasatch; flowed back 660 bbl overnight; set kill plug, RIH w/ tbg & bit; drilled out plugs today; well very lively (750 psi FCP on a 48/64" & 32/64").

**GHU 19 RHZ:** (100% WI) Tbg., rods, & pump run Weds.; RDMO rig this a.m.; leveled location; gravel for pad and crane for PU scheduled for Friday a.m.; will start PU late Friday.

**DS 14G-8-10-18:** (71.875% WI) GR Fmn.; 2.5 bbls. entry ON; 50% oil; swabbing 100% oil by the end of today; frac. set for Mon. 3/14.

**EIH X 10MU-25-8-22:** (100% WI) Frac'd. 1 Mesa Verde / 2 Wasatch Weds.; drilling plugs Friday.

**EIH X 11MU-25-8-22:** (100% WI) Frac'd. 1 Mesa Verde / 2 Wasatch Thurs.

WEEKLY OPERATIONS REPORT – March 17, 2005

QEP

UINTA BASINT08S R22E S-24  
43-042-35805"Drilling Activity – Operated" 3-17-05

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 5,280 feet dropping angle. 7" intermediate casing set at 4,155'. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 6,780 feet drilling horizontal in zone. Drill one 2,600' lateral. Next well RW 12-36B horizontal well with two 2,100' laterals.
- True #26 – GB 7MU-36-8-21 cemented casing, rigged down, moving today. Next well SG 8MU-11-8-22. PTD 9,500'.

"Completions & New Wells to Sales" 3-17-05:

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; flow tested @ 3.8 Mmcfd @ 1427 psi FCP on 2 - 11/64" (2 sep.) against 870 psi LP; currently curtailed through existing compressor @ 1072 Mcfd @ 2309 psi FCP on a 11/64" choke w/ no fluid; Comet will be shutting down (and moving) downstream compressor, which will allow us to flow unrestricted against the higher LP on Mar. 21st. Ordered lease compressor Mon., Mar. 14<sup>th</sup>; est. delivery in 3 weeks.

**RWS 8ML-14-9-24:** (25% WI) 3 MV fracs pumped; isolated 3 sets of intervals w/ BP & pkr. for gas entry w/ limited fluid entry, but all appeared wet; perf'd and brokedown 7 MV coals and 2 sands and acidized; currently swabbing; FL 1300' & 17 bbls. inflow ON past two mornings; need to have continuous completion operations up and over Mar. 31<sup>st</sup> to get 2 year extension.

**GHU 19 RHZ:** (100% WI) Started PU last Friday; pumped 50 bbl xysol (aromatic solvent) Weds., SI to soak for 24 hrs.; will re-start PU 11:00 this morning; new production numbers Friday.

**DS 14G-8-10-18:** (71.875% WI) GR frac. Mon. 3/14; swabbing 3.5 BFPH w/ 95 % oil cut; RIH w/ tbgs. rods & pump currently; well looks to have come in as expected.

**WRU EIH 10MU-23-8-22:** POOH w/ tbgs. Will CBL & perforate today.

**EIH 14MU-25-8-22:** (100% WI) Ran CBL, TOC @ 1950'. Perforated 1st MV interval. SI well, scheduled to frac Monday.

**WV 14M-11-8-21:** (100% WI) Yesterday SICP 5500 psi. Bled off gas head in 30 sec w/ approx 1 bbl water. Left well open for 3 hrs, recovered 1/2 bbl water. Frac today & tomorrow w/ 740,000 lbs 20/40 Econoprop; at press time, Mancos 'B'/Shale frac went off as per design; frac'ing Blackhawk currently.

**\*\*There are 6 wells waiting on a completion rig as of today. Three of those will have a rig on them next week. There are 2 additional wells WOQGM ROW.**

**WEEKLY OPERATIONS REPORT – March 24, 2005**

QEP

**UINTA BASIN**TOS R 22E S-24  
43-047-35805**“Drilling Activity – Operated” 3-24-05**

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 6,982 feet back to vertical. Will trip today to lay down directional tools. 7” intermediate casing set at 4,155’. PTD 10,600’ MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391’ TVD, 10,430’ MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 7,578 feet horizontal in zone. Drill one 2,600’ lateral. PTD 8,275’. Next well RW 12-36B horizontal well with two 2,100’ laterals.
- True #26 – SG 8MU-11-8-22 drilling at 7,896 feet. PTD 9,500’. Next well SG 7MU-11-8-22. PTD 9,500’.
- Caza #57 – WV 1MU-16-8-21 rig moving out of Wamsutter, WY today. Should all be on location tomorrow. Spud late next week after draw works are repaired.
- Caza #24 – GB 3M-27-8-21 installing wear bushing and getting ready to pick up BHA to drill out CBP after repairing surface casing. Current TD is 7,367’. Next casing point 10,300’. PTD 12,900’. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 drilling at 7,950 feet. Next casing point 10,500’. PTD 13,100’. Next well – move to Pinedale.

**“Completions & New Wells to Sales” 3-25-05:**

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; Comet shut down downstream compressor this week, which allowed us to flow unrestricted against the higher LP; currently flowing 4.31 Mmcfpd @ 1695 psi FCP on a 22/64” choke; will monitor FCP over weekend and open up to higher volume Monday; QEP lease compressor scheduled to be on site in 2 ½ weeks.

**WV 14M-11-8-21:** (100% WI) Frac'd Mancos B, Mancos Shale, Blackhawk, Lower Mesa Verde, & Middle Mesa Verde w/ 640,000 lbs 20/40 Econoprop, 100,000 lbs 30/50 Econoprop, & 25,000 lbs 100 Mesh sand; flowing @ 1900 psi FCP on a 40/64” & a 32/64” ck. after drilling top kill plug; do not want to overpressure tbgs. and pump-off bit to drill the 4 flow thru plugs while circ., so landed tbgs. in BOP's and will take well to sales today to deplete some pressure and ensure smooth operation drilling plugs in near future; have one 5 Mmcfpd sep. on location; will MI another soon and need QGM dedicated high pres. line to be installed to open well up beyond 5 Mmcfpd.

**GHU 19 RHZ:** (100% WI) Pumped 4000 gal. 28% gelled acid Weds.; well pumping 121 BO in first 20 hrs. post-treatment load; 6 BWPd & 32 mcfpd.

**DS 14G-8-10-18:** (71.875% WI) Started PU Tues.; currently making 48 BOPD, 17 BWPd & 0 mcfpd.

**DS 1G-7-10-18:** (71.875% WI) Frac'd Green River 'C' Shoal Thurs.; frac. went well.

**WRU EIH 10MU-23-8-22:** (36% WI) 8 stages frac'd. Weds. into Thurs.; FCP Friday a.m. was 1050# on a 24/64” w/ 30 BWPd.

**EIH 14MU-25-8-22:** (100% WI) 2 stages frac'd. Tues.; perf guns got stuck coming out of hole for 3<sup>rd</sup> stage; have successfully fished; finishing fracs today (Friday).

**WH 15G-10-7-24:** (100% WI) MIRU yesterday.

**WEEKLY OPERATIONS REPORT – March 31, 2005**

QEP

**UINTA BASIN**T085 R22E S24  
43-042-35805**“Drilling Activity – Operated” 3-31-05**

- Patterson #51 – WRU EIH 11ML-24-8-22 directionally drilling at 8,165 feet to correct deviation problem. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – RW 12-36B (240) set oriented lug packer, currently gyroing packer. Will pick up whipstock to mill first window. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 7MU-11-8-22 drilling at 2,830 feet. PTD 9,500'. Next well SG 2MU-11-8-22. PTD 9,550'.
- Caza #57 – WV 1MU-16-8-21 rigging up waiting on draw works. Should be on location Saturday. Should spud Sunday or Monday. PTD 9,985'. Next well WRU EIH 14MU-35-8-22. PTD 8,200'.
- Caza #24 – GB 3M-27-8-21 drilling at 9,793 feet. Intermediate casing point approximately 10,200'. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 10,210 feet TD intermediate casing point, running logs. PTD 13,100'. Next well – move to Pinedale.

**“Completions & New Wells to Sales” 3-31-05:**

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; currently flowing 4.61 Mmcfd @ 1533 psi FCP on a 30/64" choke; plan to go to 7 Mmcfd rate Friday.

**WV 14M-11-8-21:** (100% WI) Frac'd Mancos B, Mancos Shale, Blackhawk, Lower Mesa Verde, & Middle Mesa Verde w/ 640,000 lbs 20/40 Econoprop, 100,000 lbs 30/50 Econoprop, & 25,000 lbs 100 Mesh sand; flowing @ 1900 psi FCP on a 40/64" & a 32/64" ck. after drilling top kill plug; landed tbgs in BOP's and took well to sales last Friday to deplete off some pressure; currently flowing to sales @ 1.5 Mmcfd @ 1080 psi FCP on a 39/64" ck. w/ 23 BOPD & 583 BWPD; pressure was relatively stable first 4 days (3500+ psi FCP) and then has abruptly dropped last few days; appears some flow-thru frac plugs have probably plugged off; will MI rig ASAP to drill out plugs and get everything open again.

**DS 1G-7-10-18:** (71.875% WI) Frac'd Green River 'C' Shoal; frac. went well; setting PU Friday (it needed some repair).

**WH 15G-10-7-24:** (100% WI) Pt7 zone wet; moved uphole to Oy2.

**EIHX 15MU-25-8-22, EIHX 9MU-25-8-22, & GB 4MU-36-8-21** all in various stages of fracing.

**WEEKLY OPERATIONS REPORT – April 7, 2005**

QEP

**UINTA BASIN**TORG RAZE S-24  
43-047-35805**“Drilling Activity – Operated” 4-7-05**

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 9,427 feet. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – RW 12-36B (240) directionally drilling at 5,319 feet, 69.4° angle, 329.9° azimuth., NW lateral. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 7MU-11-8-22 at TD 9,375 feet running logs. Next well SG 2MU-11-8-22. PTD 9,550'.
- Caza #57 – WV 1MU-16-8-21 rigged up waiting on clutch to be repaired. PTD 9,985'. Next well WRU EIH 14MU-35-8-22. PTD 8,200'.
- Caza #24 – GB 3M-27-8-21 drilling at 10,050 feet. Intermediate casing set at 10,015'. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 10,210 feet, intermediate casing point, picking up 3-1/2" DP to drill out. PTD 13,100'. Next well – move to Pinedale.

**“Completions & New Wells to Sales” 4-8-05:**

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; currently flowing 4.23 Mmcfd @ 918 psi FCP on a 2 open chokes; compressor set to deliver on April 13<sup>th</sup>.

**WV 14M-11-8-21:** (100% WI) MI rig Weds.; after TIH 3 jts. to drill out plugs; rig had mechanical problems; est 2-3 days to fix and then con't. drilling out plugs Mon.

**GB 3MU-3-8-22:** (77.5% WI) 1<sup>st</sup> MV frac screened-out yesterday; was pumped @ 25 BPM due to proximal wet sands; MIRU rig to c/o; fracs rescheduled for Tues.

**WV 3G-10-8-21:** (100% WI) MIRU Thurs.; had to fix hydraulic hose; PU tbg. into derrick, so TI process is faster; next steps will be drilling out comp. BP and TIH into lateral to spot acid.

**WH 15G-10-7-24:** (100% WI) Pt7 & Oy2 zones wet; moved uphole to Ou6, Mv5 & Mu6 & acidized;

**EIHX 15MU-25-8-22, EIHX 9MU-25-8-22, & GB 4MU-36-8-21** all going to sales 4/7 & 4/8.



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## WEEKLY OPERATIONS REPORT – April 14, 2005

QEP

### UINTA BASIN

TOBS R22E S24  
43-047-35805

#### “Drilling Activity – Operated” 4-14-05

- Patterson #51 – WRU EIH 11ML-24-8-22 TD at 10,582 feet MD. Short trip for logs. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – RW 12-36B (240) directionally drilling at 5,882 feet, 83.6° angle, 299.4° azimuth., NW lateral. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 2MU-11-8-22 fishing stuck drill pipe at 3,122', made back off trying to kill water flow. PTD 9,550'. Next well BSW 11ML-12-9-24. PTD 7,100' (farmout to True Oil Co.).
- Caza #57 – WV 1MU-16-8-21 drilling at 6,324 feet. PTD 9,985'. Next well WRU EIH 14MU-35-8-22. PTD 8,200'.
- Caza #24 – GB 3M-27-8-21 drilling at 11,162 feet. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 11,147 feet, tripping in hole after bit change. PTD 13,100'. Next well – move to Pinedale.
- True #30 – GB 7M-28-8-21 starting rig up. 100% of rig on location. PTD 12,850'.

#### “Completions & New Wells to Sales” 4-15-05:

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; currently flowing 3.76 Mmcfpd @ 889 psi FCP on a 2 open chokes; compressor pad ROW signed by tribe 4/15; start construction Monday.

**WV 14M-11-8-21:** (100% WI) Drilled out plugs earlier this week; landed tbg.; went to sales 4/13; currently flowing 930 mcfpd @ 250 psi FTP & 883 psi CP w/ 25 BOPD & 302 BWPD on a 29/64" ck.

**WV 3G-10-8-21:** (100% WI) TIH into lateral (w/in 20' of “toe”); circ. 2000 gal. of 28% HCl; displaced into formation at low rates; TOOH w/ workstring; TIH w/ prod. tbg.; started to swab this a.m.; well started flowing @ 30 BFPH w/ 100%oil; redesigning rod pump this p.m.; will run rods and pump Mon.; oil was captured in frac. tank and will be transferred to prod. tank Mon. so it can be sold.

**WH 15G-10-7-24:** (100% WI) Prep. to PxA.

**GB 3MU-3-8-22 & the GB 7MU-36-8-21** going to sales 4/15 & 4/16 respectively.

## WEEKLY OPERATIONS REPORT – July 7, 2005

QEP

### UINTA BASIN

T08S R 22E S-24  
43-047-35805

### “Drilling Activity – Operated” 7-7-05

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 10,727 feet. PBTD extended to 10,900' MD. Next well SG 6ML-11-8-22. PTD 11,200'.
- Patterson #52 – GHU 1G-17-8-21 horizontally drilling at 6,455 feet in zone. Drill one 3500' G-1 lateral. Next well EIH 4MU-36-8-21. PBT 8,200'.
- True #26 – WRU EIH 14ML-24-8-22 drilling at 9,751 feet. PBTD 10,383' MD. Next rig is to be loaned out to Wexpro for 3 months.
- Caza #57 – EIH 8MU-25-8-22 drilling at 7818'. PBTD 8,700'. Next well EIH 16MU-25-8-22. PTD 8,700'.

### “Completions & New Wells to Sales” 7-8-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales. Curtailed to 3 mmcfpd. Currently producing 2.9 mmcfpd w/ 950 psi FTP, 1200 psi CP, 900 psi line pressure.

**GB 5M-9-8-22:** (77.5% WI) Mancos B to sales 7-9-05. Tested at 175 psi on 32/64" choke, 1.2 mmcfpd. Will sell until horsepower available for next frac (expected 7-18-05).

**WRU EIH 11ML-24-8-22:** (43.75% WI) To sales 7-9-05. 4284 BLLTR.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See instructions on  
reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

1. LEASE DESIGNATION AND SERIAL NO. <b>UTU-43917</b>					
2. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>					
3. UNIT AGREEMENT NAME <b>N/A</b>					
4. FARM OR LEASE NAME <b>N/A</b>					
5. WELL NO. <b>WRU EIH 11ML 24-8-22</b>					
6. FIELD AND POOL, OR WILDCAT <b>NATURAL BUTTES</b>					
7. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>S24-T8S-R22E</b>					
8. COUNTY OR PARISH <b>UINTAH</b>		9. STATE <b>UT</b>			
10. DATE SPUNDED <b>01/19/2005</b>		11. DATE T.D. REACHED <b>04/17/2005</b>		12. DATE COMPL. (Ready to prod.) <b>07/11/2005</b>	
13. TOTAL DEPTH, MD & TVD <b>10582/100 10343 10608' TVD</b>		14. PLUG BACK T.D., MD & TVD <b>OK 10555'</b>		15. IF MULTIPLE COMPL., HOW MANY*	
16. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <b>SEE ATTACHMENT PG 1</b>		17. INTERVALS DRILLED BY <b>-----&gt;</b>		18. ROTARY TOOLS <b>KB</b>	
19. CABLE TOOLS		20. WAS DIRECTIONAL SURVEY MADE <b>NO</b>			
21. TYPE ELECTRIC AND OTHER LOGS RUN <b>GR/CBL, AI/GR</b>					
22. WAS WELL CORED <b>NO</b>					
23. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9-5/8"		36#		724'	
4-1/2"		11.6#		10,608'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		325 SXS			
7-7/8"		970 SXS			
24. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
				SIZE	
				DEPTH SET (MD)	
				PACKER SET (MD)	
				2-3/8"	
				6362'	
25. PERFORATION RECORD (Interval, size and number)					
SEE ATTACHMENT PG 1					
26. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
SEE ATTACHMENT PG 1					
27. PRODUCTION					
DATE FIRST PRODUCTION <b>07/11/2005</b>		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>FLOWING</b>			WELL STATUS (Producing or shut-in) <b>PRODUCING</b>
DATE OF TEST <b>07/13/2005</b>		HOURS TESTED <b>24</b>		CHOKE SIZE <b>19/64"</b>	
PROD'N FOR TEST PERIOD <b>-----&gt;</b>		OIL--BBL. <b>104</b>		GAS--MCF. <b>1262</b>	
WATER--BBL. <b>190</b>		GAS-OIL RATIO			
FLOW. TUBING PRESS. <b>1269#</b>		CASING PRESSURE <b>1453#</b>		CALCULATED 24-HOUR RATE <b>-----&gt;</b>	
OIL--BBL.		GAS--MCF		WATER--BBL	
28. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>SOLD</b>					
29. LIST OF ATTACHMENTS <b>PERFORATION ATTACHMENT PG 1</b>					
30. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <b>JIM SIMONTON</b>		TITLE <b>COMPLETION SUPERVISOR</b>		DIV. OF OIL, GAS & MINING	
				7/27/2005	

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS WRU EIH 11ML 24-8-22				TOP		DESCRIPTION, CONTENTS, ETC.
FORMATION		TOP	BOTTOM	MEAS. DEPTH	TRUE VERT. DEPTH	
UINTA KICKOFF POINT GRRV MAHOGANY WASATCH MESA VERDE SEGO TD		SURFACE 1000' 2456' 3006' 5441' 7921' 10291' 10608'		SURFACE 1000' 2456' 3006' 5441' 7921' 10291' 10608'		

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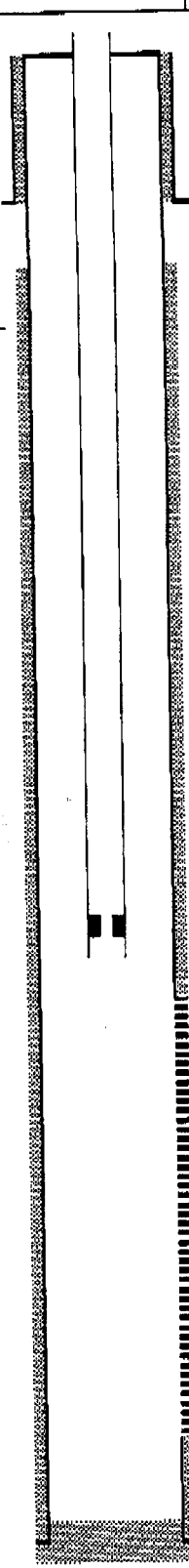
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WRU EIH 11ML 24 8 22

PERFORATION DETAIL: ATTACHMENT PG 1

Open Perfs	Stimulation					
6398' – 6404'	} Frac w/	79,500	Lbs in	28,980	Gals	Open - WS
6542' – 6546'						Open - WS
6550' – 6554'						Open - WS
7240' – 7252'	} Frac w/	61,000	Lbs in	39,858	Gals	Open - WS
7298' – 7300'						Open - WS
8191' – 8201'	} Frac w/	26,000	Lbs in	25,704	Gals	Open - MV
8924' – 8926'						Open - MV
9580' – 9584'	} Frac w/	60,000	Lbs in	37,884	Gals	Open - MV
9588' – 9592'						Open - MV
9678' – 9680'						Open - MV
9908' – 9910'	} Frac w/	40,000	Lbs in	25,410	Gals	Open - MV
10123' – 10133'						Open - MV
10344' – 10346'	} Frac w/	75,000	Lbs in	42,672	Gals	Open - MV
10418' – 10422'						Open - MV
10446' – 10450'						Open - MV
10456' – 10458'						Open - MV
10462' – 10468'						Open - MV
10478' – 10484'						Open - MV
10498' – 10502'						Open - MV
10517' – 10519'						Open - MV

CONFIDENTIAL

<b>FIELD: White River</b>		GL: 4,865 KBE: 4,881	Spud Date: 1-19-2005 Completion Date: 7-11-05																																										
<b>Well: WRU EIH 11ML-24-8-22</b>		TD: 10,607 PBD: 10,562	Current Well Status: producing gas well																																										
Location: Surface: NWSW Sec. 24, T8S, R22E 2578' FSL; 656' FWL API#: 43-047-35805 Bottom Hole: NESW Sec. 24, T8S, R22E 1980' FSL; 1980' FWL Utah County, Utah		Reason for Pull/Workover: Complete new gas well																																											
<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p><b>Surface casing</b> Size: 9 - 5/8" Weight: 36 #/ft Grade: J-55 Cmtd w/ 325 sks  Hole size: 12 1/4" Set @ 724'</p></div><div style="width: 50%; text-align: center;"><p><b>Wellbore Schematic</b></p></div></div>		<p><b>Tubing Landing Details:</b></p> <table border="1" style="width:100%"><thead><tr><th>Description</th><th>Size</th><th>Footage</th><th>Depth</th></tr></thead><tbody><tr><td>K.B.</td><td></td><td>16.00</td><td>16.00</td></tr><tr><td>TBG HANGER</td><td>2 3/8"</td><td>0.85</td><td>16.85</td></tr><tr><td>194 JTS J - 55 TBG</td><td>2 3/8"</td><td>6,310.87</td><td>6,327.72</td></tr><tr><td>F - NUPPLE (1.81" I.D.)</td><td>2 3/8"</td><td>0.91</td><td>6,328.63</td></tr><tr><td>1 - JT J - 55 TBG</td><td>2 3/8"</td><td>32.51</td><td>6,361.14</td></tr><tr><td>SHEAR SUB</td><td>2 3/8"</td><td>0.91</td><td>6,362.05</td></tr><tr><td>EOT @</td><td></td><td></td><td>6,362.05</td></tr></tbody></table>		Description	Size	Footage	Depth	K.B.		16.00	16.00	TBG HANGER	2 3/8"	0.85	16.85	194 JTS J - 55 TBG	2 3/8"	6,310.87	6,327.72	F - NUPPLE (1.81" I.D.)	2 3/8"	0.91	6,328.63	1 - JT J - 55 TBG	2 3/8"	32.51	6,361.14	SHEAR SUB	2 3/8"	0.91	6,362.05	EOT @			6,362.05										
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<p><b>TUBING INFORMATION</b> Condition: _____ New: <input checked="" type="checkbox"/> Used: _____ Rerun: _____ Grade: P-110 Weight (#/ft): 4.7 #/ft</p> <p><b>Sucker Rod Detail:</b></p> <table border="1" style="width:100%"><thead><tr><th>Size</th><th>#Rods</th><th>Rod Type</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> <p><b>Rod Information</b> Condition: _____ New: _____ Used: _____ Rerun: _____ Grade: _____ Manufacture: _____</p> <p><b>Pump Information:</b> API Designation: _____ Example: 25 x 150 x RHAC X 20 X 6 X 2  Pump SN#: _____ Original Run Date: _____ RERUN: _____ NEW RUN: _____</p> <p><b>ESP Well</b> <span style="float: right;"><b>Flowing Well</b></span> Cable Size: _____ SN @ _____ Pump Intake @ _____ PKR @ _____ End of Pump @ _____ EOT @ _____</p> <p><b>Wellhead Detail:</b> Example: 7-1/16" 3000# 7 1/16" 5000# _____ _____ _____ Other: _____ Hanger: Yes <input checked="" type="checkbox"/> No _____</p> <p><b>SUMMARY</b> Zone 1 Mesaverde (10519'-10344') Fracced w/ 75,000# 20/40 PR-6000 Sand Zone 2 Mesaverde (10133'-9908') Fracced w/ 40,000# 20/40 PR-6000 Sand Zone 3 Mesaverde (98707'-9580') Fracced w/ 50,000# 20/40 PR-6000 Sand Zone 4 Mesaverde (8926'-8191') Fracced w/ 26,000# 20/40 Ottawa sand Zone 5 Wasatch (7200'-7240') Fracced w/ 61,000# 20/40 Ottawa sand Zone 6 Wasatch (6554'-6398') Fracced w/ 79,800# 20/40 Ottawa sand</p>		Size	#Rods	Rod Type																																									
Size	#Rods	Rod Type																																											
<p><b>Production Casing</b> Size: 4 1/2" Weight: 11.60#/ft Grade: P-110 Cmtd w/ 970 sks Set @ 10,607' Hole size: 7 7/8"</p>		<p>F Nipple @ 6329 EOT @ 6362</p> <table border="1" style="width:100%"><tbody><tr><td>6398'-6404'</td><td>Wasatch</td></tr><tr><td>6542'-6546'</td><td>Wasatch</td></tr><tr><td>6580'-6554'</td><td>Wasatch</td></tr><tr><td>7240'-7252'</td><td>Wasatch</td></tr><tr><td>7298'-7300'</td><td>Wasatch</td></tr><tr><td>9191'-8201'</td><td>Mesaverde</td></tr><tr><td>8824'-8928'</td><td>Mesaverde</td></tr><tr><td>9580'-9584'</td><td>Mesaverde</td></tr><tr><td>9588'-9592'</td><td>Mesaverde</td></tr><tr><td>9678'-9680'</td><td>Mesaverde</td></tr><tr><td>9703'-9707'</td><td>Mesaverde</td></tr><tr><td>9808'-9810'</td><td>Mesaverde</td></tr><tr><td>10129'-10133'</td><td>Mesaverde</td></tr><tr><td>10344'-10346'</td><td>Mesaverde</td></tr><tr><td>10418'-10422'</td><td>Mesaverde</td></tr><tr><td>10448'-10450'</td><td>Mesaverde</td></tr><tr><td>10458'-10458'</td><td>Mesaverde</td></tr><tr><td>10462'-10468'</td><td>Mesaverde</td></tr><tr><td>10478'-10484'</td><td>Mesaverde</td></tr><tr><td>10498'-10502'</td><td>Mesaverde</td></tr><tr><td>10517'-10519'</td><td>Mesaverde</td></tr></tbody></table> <p>PBD @ 10562' TD @ 10607'</p>		6398'-6404'	Wasatch	6542'-6546'	Wasatch	6580'-6554'	Wasatch	7240'-7252'	Wasatch	7298'-7300'	Wasatch	9191'-8201'	Mesaverde	8824'-8928'	Mesaverde	9580'-9584'	Mesaverde	9588'-9592'	Mesaverde	9678'-9680'	Mesaverde	9703'-9707'	Mesaverde	9808'-9810'	Mesaverde	10129'-10133'	Mesaverde	10344'-10346'	Mesaverde	10418'-10422'	Mesaverde	10448'-10450'	Mesaverde	10458'-10458'	Mesaverde	10462'-10468'	Mesaverde	10478'-10484'	Mesaverde	10498'-10502'	Mesaverde	10517'-10519'	Mesaverde
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Prepared By: Todd Seifert		Date: 7-11-05																																											

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AUG 10 2005

DIV. OF OIL, GAS &amp; MINING



Carol Daniels


**Weatherford**  
 DIRECTIONAL SERVICES

 Job Number: WYL0503D039  
 Company: Questar  
 Lease/Well: WRU ELH # 11ML-24-8-22  
 Location: Sec 24,T8S,R22E  
 Rig Name: Patterson 51  
 RKB: ☐  
 G.L. or M.S.L.: ☐

State/Country: Utah,Uintah

Declination: 12.23

Grid: ☐

File name: C:\DOCUME~1\ADMINI~1\DESKTOP\JOBFIL-1\QUES

Date/Time: 14-Apr-05 / 09:33

Curve Name: WORK

 WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 113.65  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
RKB-SET SURFACE EAST COORDINATE @ 25											
.00	.00	.00	.00	.00	.00	25.00	22.90	.00	.00	-90.00	.00
750.00	.50	189.80	750.00	748.99	-3.22	24.44	23.68	.07	-22.69	-56.12	.07
812.00	1.30	152.30	62.00	811.98	-4.11	24.72	24.30	1.29	-60.48	-26.07	1.54
873.00	2.40	140.00	61.00	872.95	-5.71	25.87	25.98	1.80	-20.16	-45.80	1.91
934.00	3.70	121.90	61.00	933.86	-7.72	28.36	29.08	2.13	-29.67	-12.12	2.63
995.00	4.90	118.90	61.00	994.69	-10.02	32.31	33.62	1.97	-4.92	-33.87	2.00
1059.00	6.30	110.70	64.00	1058.39	-12.59	37.99	39.85	2.19	-12.81	-3.74	2.51
1123.00	7.50	110.10	64.00	1121.92	-15.26	45.20	47.52	1.88	-.94	8.19	1.88
1188.00	8.90	111.40	65.00	1186.25	-18.55	53.86	56.78	2.15	2.00	7.29	2.17
1252.00	10.30	112.40	64.00	1249.36	-22.54	63.76	67.45	2.19	1.56	-11.78	2.20
1316.00	12.00	110.70	64.00	1312.15	-27.07	75.28	79.81	2.66	-2.66	1.29	2.71
1380.00	13.00	110.80	64.00	1374.63	-31.98	88.23	93.65	1.56	.16	-8.15	1.56
1442.00	14.20	110.10	62.00	1434.89	-37.07	101.89	108.20	1.94	-1.13	-36.18	1.95
1507.00	14.80	108.40	65.00	1497.82	-42.43	117.25	124.43	.92	-2.62	.00	1.13
1571.00	16.10	108.40	64.00	1559.50	-47.81	133.43	141.41	2.03	.00	.00	2.03
1635.00	17.20	108.40	64.00	1620.82	-53.60	150.83	159.87	1.72	.00	22.94	1.72
1700.00	18.40	110.00	65.00	1682.71	-60.14	169.59	179.48	1.85	2.46	29.50	1.99
1764.00	18.80	110.70	64.00	1743.37	-67.24	188.73	199.85	.63	1.09	3.17	.72
1828.00	19.40	110.80	64.00	1803.84	-74.66	208.31	220.77	.94	.16	64.37	.94
1892.00	19.70	112.60	64.00	1864.15	-82.58	228.21	242.17	.47	2.81	-73.99	1.05
1957.00	19.80	111.60	65.00	1925.33	-90.85	248.56	264.13	.15	-1.54	-114.98	.54
2021.00	19.50	109.60	64.00	1985.60	-98.42	268.70	285.62	-.47	-3.13	-44.08	1.15
2085.00	20.00	108.20	64.00	2045.84	-105.42	289.16	307.17	.78	-2.19	42.65	1.08
2149.00	20.70	110.00	64.00	2105.84	-112.71	310.19	329.35	1.09	2.81	145.84	1.47

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DIV. OF OIL, GAS &amp; MINING



**Weatherford®**  
DIRECTIONAL SERVICES

Job Number: WYL0503D039

Company: Questar

Lease/Well: WRU EIH # 11ML-24-8-22

Location: Sec 24,T8S,R22E

Rig Name: Patterson 51

RKB: ☐G.L. or M.S.L.: ☐

State/Country: Utah,Uintah

Declination: 12.23

Grid: ☐

File name: C:\SURVEY\QUESTA~1\11MU-24.SVY

Date/Time: 12-Apr-05 / 03:32

Curve Name: WORK

## WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 113.65

Vertical Section Referenced to Wellhead

Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
9520.00	1.90	113.30	32.00	9281.97	-641.41	1455.58	1590.63	.00	72.19	111.38	2.38
9616.00	2.10	167.30	96.00	9377.92	-643.75	1457.43	1593.27	.21	56.25	148.10	1.90
9679.00	1.30	194.00	63.00	9440.90	-645.57	1457.51	1594.07	-1.27	42.38	76.22	1.75
9711.00	1.50	212.90	32.00	9472.89	-646.27	1457.20	1594.07	.62	59.06	-135.43	1.56
9743.00	1.30	203.40	32.00	9504.88	-646.96	1456.83	1594.00	-.62	-29.69	-89.20	.96
9775.00	1.40	182.40	32.00	9536.87	-647.68	1456.67	1594.14	.31	-65.63	12.46	1.57
9806.00	1.80	185.20	31.00	9567.86	-648.55	1456.61	1594.43	1.29	9.03	-91.50	1.31
9838.00	1.80	182.20	32.00	9599.84	-649.55	1456.54	1594.78	.00	-9.38	-70.57	.29
9870.00	2.00	169.70	32.00	9631.82	-650.60	1456.62	1595.27	.62	-39.06	-116.75	1.43
9902.00	1.90	162.90	32.00	9663.80	-651.66	1456.88	1595.93	-.31	-21.25	69.69	.79
9934.00	2.00	169.60	32.00	9695.79	-652.71	1457.14	1596.59	.31	20.94	-122.74	.78
9965.00	1.80	157.70	31.00	9726.77	-653.70	1457.42	1597.24	-.65	-38.39	158.47	1.42
9997.00	1.50	162.30	32.00	9758.76	-654.56	1457.74	1597.88	-.94	14.38	7.76	1.02
10029.00	1.80	163.60	32.00	9790.74	-655.44	1458.00	1598.48	.94	4.06	159.29	.94
10058.00	1.50	168.00	29.00	9819.73	-656.25	1458.21	1598.99	-1.03	15.17	-63.36	1.12
10090.00	1.70	156.70	32.00	9851.72	-657.10	1458.49	1599.59	.62	-35.31	118.33	1.16
10122.00	1.60	164.30	32.00	9883.70	-657.96	1458.80	1600.22	-.31	23.75	-113.71	.75
10154.00	1.50	153.00	32.00	9915.69	-658.76	1459.11	1600.82	-.31	-35.31	-117.36	1.00

**WINSERVE SURVEY CALCULATIONS**  
 Minimum Curvature Method  
 Vertical Section Plane 113.65  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
<b>PICK UP DIRECTIONAL TOOLS 8028 MD</b>											
8027.00	5.00	125.00	286.00	7789.84	-649.58	1442.57	1581.99	.28	.59	152.34	.28
8121.00	3.70	136.20	94.00	7883.57	-654.12	1448.02	1588.81	-1.38	11.91	-148.26	1.65
8184.00	2.80	123.90	63.00	7946.47	-656.44	1450.71	1592.20	-1.43	-19.52	-157.37	1.80
8248.00	1.70	107.20	64.00	8010.42	-657.60	1452.91	1594.68	-1.72	-26.09	-137.31	1.98
8312.00	1.20	43.70	64.00	8074.40	-657.39	1454.28	1595.85	-.78	-99.22	-75.23	2.48
8375.00	1.80	8.60	63.00	8137.38	-655.94	1454.89	1595.82	.95	-55.71	-53.95	1.70
8439.00	2.30	353.90	64.00	8201.34	-653.67	1454.90	1594.93	.78	-22.97	-146.10	1.13

Attn: Carol  
Daniels



**Weatherford**  
DIRECTIONAL SERVICES

Job Number: WYL0503D039  
Company: Questar  
Lease/Well: WRU EIH # 11ML-24-8-22  
Location: Sec 24,T8S,R22E  
Rig Name: Patterson 51  
RKB: ☐  
G.L. or M.S.L.: ☐

State/Country: Utah,Uintah  
Declination: 12.23  
Grid: ☐  
File name: C:\DOCUME~1\ADMINI~1\DESKTOP\JOBFIL~1\QU  
Date/Time: 14-Apr-05 / 09:33  
Curve Name: WORK

WINSERVE SURVEY CALCULATIONS  
Minimum Curvature Method  
Vertical Section Plane 113.65  
Vertical Section Referenced to Wellhead  
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AUG 10 2005

DIV. OF OIL, GAS & MINING

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
<b>RKB-SET SURFACE EAST COORDINATE@E 25</b>											
.00	.00	.00		.00	.00	25.00	22.90	.00	.00	-90.00	.00
750.00	.50	189.80	750.00	749.99	-3.22	24.44	23.68	.07	-22.69	-56.12	.07
812.00	1.30	152.30	62.00	811.98	-4.11	24.72	24.30	1.29	-60.48	-26.07	1.54
873.00	2.40	140.00	61.00	872.95	-5.71	25.87	25.98	1.80	-20.16	-45.80	1.91
934.00	3.70	121.90	61.00	933.86	-7.72	28.36	29.08	2.13	-29.67	-12.12	2.63
995.00	4.90	118.90	61.00	994.69	-10.02	32.31	33.62	1.97	-4.92	-33.87	2.00
1059.00	6.30	110.70	64.00	1058.39	-12.59	37.99	39.85	2.19	-12.81	-3.74	2.51
1123.00	7.50	110.10	64.00	1121.92	-15.26	45.20	47.52	1.88	-.94	8.19	1.88
1188.00	8.90	111.40	65.00	1186.25	-18.55	53.86	56.78	2.15	2.00	7.29	2.17
1252.00	10.30	112.40	64.00	1249.36	-22.54	63.76	67.45	2.19	1.56	-11.78	2.20
1316.00	12.00	110.70	64.00	1312.15	-27.07	75.28	79.81	2.66	-2.66	1.29	2.71
1380.00	13.00	110.80	64.00	1374.63	-31.98	88.23	93.65	1.56	.16	-8.15	1.56
1442.00	14.20	110.10	62.00	1434.89	-37.07	101.89	108.20	1.94	-1.13	-36.18	1.95
1507.00	14.80	108.40	65.00	1497.82	-42.43	117.25	124.43	.92	-2.62	.00	1.13
1571.00	16.10	108.40	64.00	1559.50	-47.81	133.43	141.41	2.03	.00	.00	2.03
1635.00	17.20	108.40	64.00	1620.82	-53.60	150.83	159.67	1.72	.00	22.94	1.72
1700.00	18.40	110.00	65.00	1682.71	-60.14	169.59	179.48	1.85	2.46	29.50	1.99
1764.00	18.80	110.70	64.00	1743.37	-67.24	188.73	199.85	.63	1.09	3.17	.72
1828.00	19.40	110.80	64.00	1803.84	-74.66	208.31	220.77	.94	.16	64.37	.94
1892.00	19.70	112.60	64.00	1864.15	-82.58	228.21	242.17	.47	2.81	-73.99	1.05
1967.00	19.80	111.60	65.00	1925.33	-90.86	248.56	264.13	.15	-1.54	-114.98	.54
2021.00	19.50	109.60	64.00	1985.60	-98.42	268.70	285.62	-.47	-3.13	-44.08	1.15
2085.00	20.00	108.20	64.00	2045.84	-105.42	289.16	307.17	.78	-2.19	42.65	1.08
2149.00	20.70	110.00	64.00	2105.84	-112.71	310.19	329.35	1.09	2.81	145.84	1.47

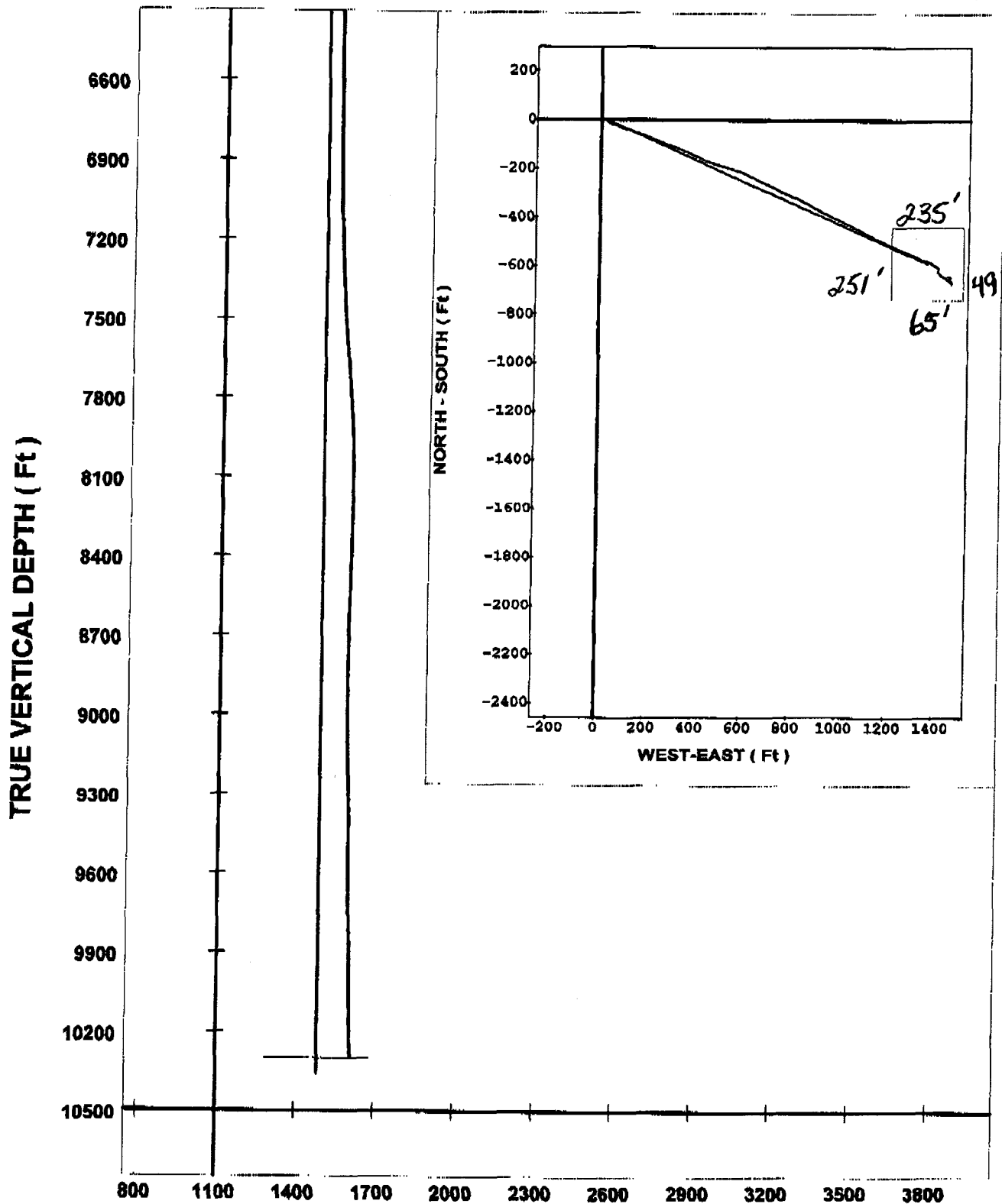
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
2213.00	20.00	111.40	64.00	2165.85	-120.57	331.01	351.57	-1.09	2.19	.00	1.33
2277.00	20.00	111.40	64.00	2225.99	-128.56	351.39	373.45	.00	.00	55.30	.00
2340.00	20.90	114.90	63.00	2285.02	-137.22	371.61	395.45	1.43	5.56	8.97	2.41
2404.00	21.60	115.20	64.00	2344.67	-147.04	392.63	418.64	1.09	.47	-67.86	1.11
2468.00	22.00	112.70	64.00	2404.09	-156.69	414.34	442.40	.62	-3.91	143.92	1.58
2532.00	21.50	113.70	64.00	2463.54	-166.03	436.14	466.11	-.78	1.56	-104.19	.97
2596.00	21.00	106.50	64.00	2523.20	-174.00	457.88	489.22	-.78	-11.25	-153.73	4.15
2661.00	19.10	103.60	65.00	2584.25	-179.81	479.39	511.25	-2.92	-4.46	123.24	3.30
2725.00	18.50	106.60	64.00	2644.84	-185.17	499.30	531.64	-.94	4.69	81.50	1.78
2789.00	18.70	110.10	64.00	2705.50	-191.60	518.66	551.96	.31	5.47	-95.85	1.77
2853.00	18.60	103.30	64.00	2766.15	-197.47	538.23	572.24	-.16	-10.63	170.29	3.40
2918.00	16.60	104.50	65.00	2828.10	-202.18	557.31	591.61	-3.08	1.85	111.75	3.13
2981.00	16.00	110.80	63.00	2888.57	-207.52	574.14	609.17	-.95	10.00	79.50	2.96
3046.00	16.10	112.60	65.00	2951.04	-214.16	590.84	627.13	.15	2.77	126.40	.78
3110.00	15.60	115.20	64.00	3012.61	-221.24	606.82	644.60	-.78	4.06	15.42	1.36
3174.00	16.00	115.60	64.00	3074.19	-228.71	622.56	662.02	.63	.63	-73.80	.65
3238.00	16.10	114.40	64.00	3135.70	-236.19	638.59	679.71	.16	-1.88	2.93	.54
3302.00	17.90	114.70	64.00	3196.90	-243.97	655.61	698.42	2.81	.47	62.58	2.82
3366.00	18.20	116.50	64.00	3257.75	-252.54	673.49	718.23	.47	2.81	-170.20	.99
3430.00	15.70	114.90	64.00	3318.96	-260.64	690.29	736.87	-3.91	-2.50	104.62	3.97
3495.00	15.50	118.10	65.00	3381.57	-268.44	705.93	754.33	-.31	4.92	-141.98	1.36
3559.00	15.20	117.20	64.00	3443.29	-276.30	720.94	771.23	-.47	-1.41	20.47	.60
3622.00	16.50	118.90	63.00	3503.89	-284.40	736.12	788.38	2.06	2.70	-18.83	2.19
3686.00	19.00	116.30	64.00	3564.84	-293.41	753.42	807.84	3.91	-4.06	-36.29	4.10
3750.00	21.40	111.60	64.00	3624.90	-302.33	773.62	829.92	3.75	-7.34	-164.43	4.52
3814.00	19.60	110.10	64.00	3684.85	-310.31	794.56	852.30	-2.81	-2.34	156.11	2.93
3878.00	18.20	112.10	64.00	3745.40	-317.76	813.90	873.01	-2.19	3.13	121.94	2.41
3942.00	17.90	113.70	64.00	3806.25	-325.48	832.16	892.84	-.47	2.50	64.33	.91
4006.00	18.50	117.40	64.00	3867.05	-334.10	850.19	912.81	.94	5.78	58.19	2.03
4070.00	19.00	119.80	64.00	3927.65	-343.95	868.24	933.30	.78	3.75	-7.24	1.44
4181.00	19.80	119.50	111.00	4032.35	-362.19	900.28	969.96	.72	-.27	-4.80	.73
4274.00	26.80	118.20	93.00	4117.71	-379.88	932.51	1006.58	7.53	-1.40	-101.68	7.55
4370.00	26.50	114.40	96.00	4203.52	-398.95	971.09	1049.57	-.31	-3.96	-33.06	1.80
4465.00	27.50	113.00	95.00	4288.16	-416.28	1010.58	1092.70	1.05	-1.47	133.45	1.25
4560.00	25.90	117.00	95.00	4373.04	-434.27	1049.27	1135.35	-1.68	4.21	173.98	2.53
4656.00	19.80	118.90	96.00	4461.46	-451.66	1082.21	1172.51	-6.35	1.98	-167.78	6.40
4750.00	17.70	117.40	94.00	4550.47	-465.94	1108.84	1202.62	-2.23	-1.60	-177.60	2.29
4878.00	13.30	116.60	128.00	4673.79	-481.49	1139.30	1236.76	-3.44	-.62	-163.18	3.44
4973.00	12.00	114.70	95.00	4766.48	-490.51	1158.04	1257.55	-1.37	-2.00	-14.96	1.44
5036.00	13.20	113.30	63.00	4827.96	-496.09	1170.60	1271.29	1.90	-2.22	1.65	1.97
5100.00	15.00	113.50	64.00	4890.03	-502.29	1184.90	1286.88	2.81	.31	9.11	2.81
5163.00	15.50	113.80	63.00	4950.81	-508.93	1200.08	1303.45	.79	.48	168.31	.80
5268.00	15.00	114.20	95.00	5042.46	-519.10	1222.91	1328.44	-.53	.42	-175.26	.54
5353.00	14.40	114.00	95.00	5134.35	-528.94	1244.92	1352.54	-.63	-.21	168.39	.63
5448.00	13.60	114.70	95.00	5226.53	-538.41	1265.86	1375.52	-.84	.74	-176.83	.86



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
5543.00	12.80	114.50	95.00	5319.02	-547.44	1285.58	1397.21	-.84	-.21	-156.82	.84
5638.00	12.40	113.70	95.00	5411.73	-555.91	1304.49	1417.94	-.42	-.84	-174.26	.46
5734.00	11.60	113.30	96.00	5505.63	-563.87	1322.80	1437.90	-.83	-.42	-111.08	.84
5829.00	11.40	110.50	95.00	5598.73	-570.94	1340.36	1456.82	-.21	-2.95	-115.95	.62
5924.00	11.00	105.80	95.00	5691.92	-576.69	1357.88	1475.17	-.42	-4.95	164.19	1.05
6020.00	7.80	112.60	96.00	5786.62	-581.69	1372.71	1490.77	-3.33	7.08	128.55	3.52
6115.00	6.90	123.30	95.00	5880.85	-587.30	1383.43	1502.84	-.95	11.26	-177.35	1.72
6210.00	6.20	123.00	95.00	5975.22	-593.23	1392.50	1513.53	-.74	-.32	-178.06	.74
6306.00	3.40	121.40	96.00	6070.88	-597.54	1399.28	1521.46	-2.92	-1.67	154.57	2.92
6402.00	2.80	127.40	96.00	6166.74	-600.44	1403.58	1526.56	-.63	6.25	57.67	.71
6498.00	2.90	130.40	96.00	6262.62	-603.44	1407.29	1531.16	.10	3.13	149.43	.19
6593.00	1.50	200.50	95.00	6357.56	-606.16	1408.68	1533.53	-1.47	73.79	-178.40	2.92
6689.00	1.20	200.10	96.00	6453.53	-608.28	1407.90	1533.67	-.31	-.42	-35.63	.31
6784.00	1.30	197.00	95.00	6548.51	-610.25	1407.24	1533.85	.11	-3.26	174.69	.13
6879.00	1.00	198.60	95.00	6643.49	-612.07	1406.66	1534.05	-.32	1.68	-129.45	.32
6975.00	.80	174.30	96.00	6739.48	-613.53	1406.46	1534.45	-.21	-25.31	31.93	.44
7070.00	1.00	181.20	95.00	6834.47	-615.02	1406.51	1535.09	.21	7.26	-41.96	.24
<b>LAY DOWN DIRECTIONAL TOOLS 7214 MD</b>											
7165.00	1.20	173.10	95.00	6929.45	-616.83	1406.61	1535.92	.21	-8.53	-30.41	.27
7313.00	2.10	159.50	148.00	7077.39	-620.91	1407.75	1538.59	.61	-9.19	-64.31	.66
7550.00	3.10	132.80	237.00	7314.15	-629.33	1413.97	1547.67	.42	-11.27	-33.60	.65
7741.00	4.20	123.30	191.00	7504.76	-636.68	1423.61	1559.45	.58	-4.97	10.52	.66
<b>PICK UP DIRECTIONAL TOOLS 8028 MD</b>											
8027.00	5.00	125.00	286.00	7789.84	-649.58	1442.57	1581.99	.28	.59	152.34	.28
8121.00	3.70	136.20	94.00	7883.57	-654.12	1448.02	1588.81	-1.38	11.91	-148.26	1.65
8184.00	2.80	123.90	63.00	7946.47	-656.44	1450.71	1592.20	-1.43	-19.52	-157.37	1.80
8248.00	1.70	107.20	64.00	8010.42	-657.60	1452.91	1594.68	-1.72	-26.09	-137.31	1.98
8312.00	1.20	43.70	64.00	8074.40	-657.39	1454.28	1595.85	-.78	-99.22	-75.23	2.48
8375.00	1.80	8.60	63.00	8137.38	-655.94	1454.89	1595.82	.95	-55.71	-53.95	1.70
8439.00	2.30	353.90	64.00	8201.34	-653.67	1454.90	1594.93	.78	-22.97	133.52	1.13
8502.00	2.10	.00	63.00	8264.29	-651.26	1454.77	1593.83	-.32	9.68	121.26	.49
8565.00	2.00	5.10	63.00	8327.25	-649.01	1454.86	1593.02	-.16	8.10	-167.86	.33
8597.00	1.60	2.00	32.00	8359.24	-648.00	1454.93	1592.68	-1.25	-9.69	-110.47	1.29
8661.00	1.50	343.70	64.00	8423.21	-646.31	1454.72	1591.81	-.16	-28.59	90.30	.79
8693.00	1.50	344.30	32.00	8455.20	-645.50	1454.49	1591.28	.00	1.87	-31.86	.05
8714.00	2.50	330.90	21.00	8476.19	-644.84	1454.20	1590.74	4.76	-63.81	90.00	5.23
8766.00	2.50	330.90	52.00	8528.14	-642.86	1453.09	1588.93	.00	.00	-156.18	.00
8824.00	2.00	324.40	58.00	8586.09	-640.93	1451.89	1587.06	-.86	-11.21	-177.75	.97
8888.00	1.20	322.90	64.00	8650.07	-639.48	1450.84	1585.51	-1.25	-2.34	-159.03	1.25
8944.00	.80	311.40	56.00	8706.06	-638.76	1450.19	1584.63	-.71	-20.54	-150.18	.80
9044.00	.40	245.20	100.00	8806.06	-638.44	1449.35	1583.73	-.40	-66.20	-120.42	.74
9136.00	.50	168.40	92.00	8898.05	-638.97	1449.14	1583.75	.11	-83.48	-62.76	.61
9234.00	.80	139.40	98.00	8996.05	-639.91	1449.67	1584.61	.31	-29.59	-68.14	.45
9292.00	1.00	119.20	58.00	9054.04	-640.46	1450.37	1585.48	.34	-34.83	-85.25	.64

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
9394.00	1.10	98.90	102.00	9156.02	-641.05	1452.12	1587.31	.10	-19.90	-20.27	.38
9488.00	1.90	90.20	94.00	9249.99	-641.19	1454.57	1589.62	.85	-9.26	101.54	.88
9520.00	1.90	113.30	32.00	9281.97	-641.41	1455.58	1590.63	.00	72.19	111.38	2.38
9616.00	2.10	167.30	96.00	9377.92	-643.75	1457.43	1593.27	.21	56.25	148.10	1.90
9679.00	1.30	194.00	63.00	9440.90	-645.57	1457.51	1594.07	-1.27	42.38	76.22	1.75
9711.00	1.50	212.90	32.00	9472.89	-646.27	1457.20	1594.07	.62	59.06	-135.43	1.56
9743.00	1.30	203.40	32.00	9504.88	-646.96	1456.83	1594.00	-.62	-29.69	-89.20	.96
9775.00	1.40	182.40	32.00	9536.87	-647.68	1456.67	1594.14	.31	-65.63	12.46	1.57
9806.00	1.80	185.20	31.00	9567.86	-648.55	1456.61	1594.43	1.29	9.03	-91.50	1.31
9838.00	1.80	182.20	32.00	9599.84	-649.55	1456.54	1594.78	.00	-9.38	-70.57	.29
9870.00	2.00	169.70	32.00	9631.82	-650.60	1456.62	1595.27	.62	-39.06	-116.75	1.43
9902.00	1.90	162.90	32.00	9663.80	-651.66	1456.88	1595.93	-.31	-21.25	69.69	.79
9934.00	2.00	169.60	32.00	9695.79	-652.71	1457.14	1596.59	.31	20.94	-122.74	.78
9965.00	1.80	157.70	31.00	9726.77	-653.70	1457.42	1597.24	-.65	-38.39	158.47	1.42
9997.00	1.50	162.30	32.00	9758.76	-654.56	1457.74	1597.88	-.94	14.38	7.76	1.02
10029.00	1.80	163.60	32.00	9790.74	-655.44	1458.00	1598.48	.94	4.06	159.29	.94
10058.00	1.50	168.00	29.00	9819.73	-656.25	1458.21	1598.99	-1.03	15.17	-63.36	1.12
10090.00	1.70	156.70	32.00	9851.72	-657.10	1458.49	1599.59	.62	-35.31	118.33	1.16
10122.00	1.60	164.30	32.00	9883.70	-657.96	1458.80	1600.22	-.31	23.75	-113.71	.75
10154.00	1.50	153.00	32.00	9915.69	-658.76	1459.11	1600.82	-.31	-35.31	130.03	1.00
10187.00	1.30	165.10	33.00	9948.68	-659.51	1459.40	1601.39	-.61	36.67	-47.53	1.08
10219.00	1.40	160.80	32.00	9980.67	-660.23	1459.62	1601.88	.31	-13.44	60.94	.44
10250.00	1.70	175.70	31.00	10011.66	-661.05	1459.78	1602.36	.97	48.06	-85.51	1.61
10280.00	1.80	160.50	30.00	10041.65	-661.93	1459.97	1602.89	.33	-50.67	-37.64	1.58
10314.00	2.00	156.20	34.00	10075.63	-662.98	1460.39	1603.69	.59	-12.65	-112.28	.72
10346.00	1.90	147.00	32.00	10107.61	-663.94	1460.90	1604.54	-.31	-28.75	93.90	1.03
10378.00	1.90	154.80	32.00	10139.59	-664.86	1461.42	1605.39	.00	24.38	-90.80	.81
10409.00	1.90	153.20	31.00	10170.58	-665.79	1461.87	1606.17	.00	-5.16	-94.75	.17
10442.00	1.90	143.70	33.00	10203.56	-666.71	1462.44	1607.06	.00	-28.79	15.63	.95
10473.00	2.00	144.50	31.00	10234.54	-667.57	1463.06	1607.97	.32	2.58	62.76	.33
10505.00	2.10	149.40	32.00	10266.52	-668.53	1463.68	1608.93	.31	15.31	-56.09	.63
10535.00	2.20	145.70	30.00	10296.50	-669.48	1464.28	1609.86	.33	-12.33	-58.71	.57
-Projection to Bit-											
10582.00	2.36	139.90	47.00	10343.46	-670.96	1465.41	1611.49	.33	-12.33	.00	.59

Company: Questar  
Lease/Well: WRU EIH # 11ML-24-8-22  
Location: Sec 24, T8S, R22E  
State/Country: Utah, Uintah  
Declination: 12.23



- WORK - S-WELL-11MU

VERTICAL SECTION (Ft) @ 113.65°



**Weatherford®**  
DIRECTIONAL SERVICES

Job Number: WYL0503D039  
Company: Questar  
Lease/Well: WRU EIH # 11ML-24-8-22  
Location: Sec 24,T8S,R22E  
Rig Name: Patterson 51  
RKB: ☐  
G.L. or M.S.L.: ☐

State/Country: Utah,Uintah

Declination: 12.23

Grid: ☐

File name: C:\DOCUME~1\ADMINI~1\DESKTOP\JOBFIL~1\QU

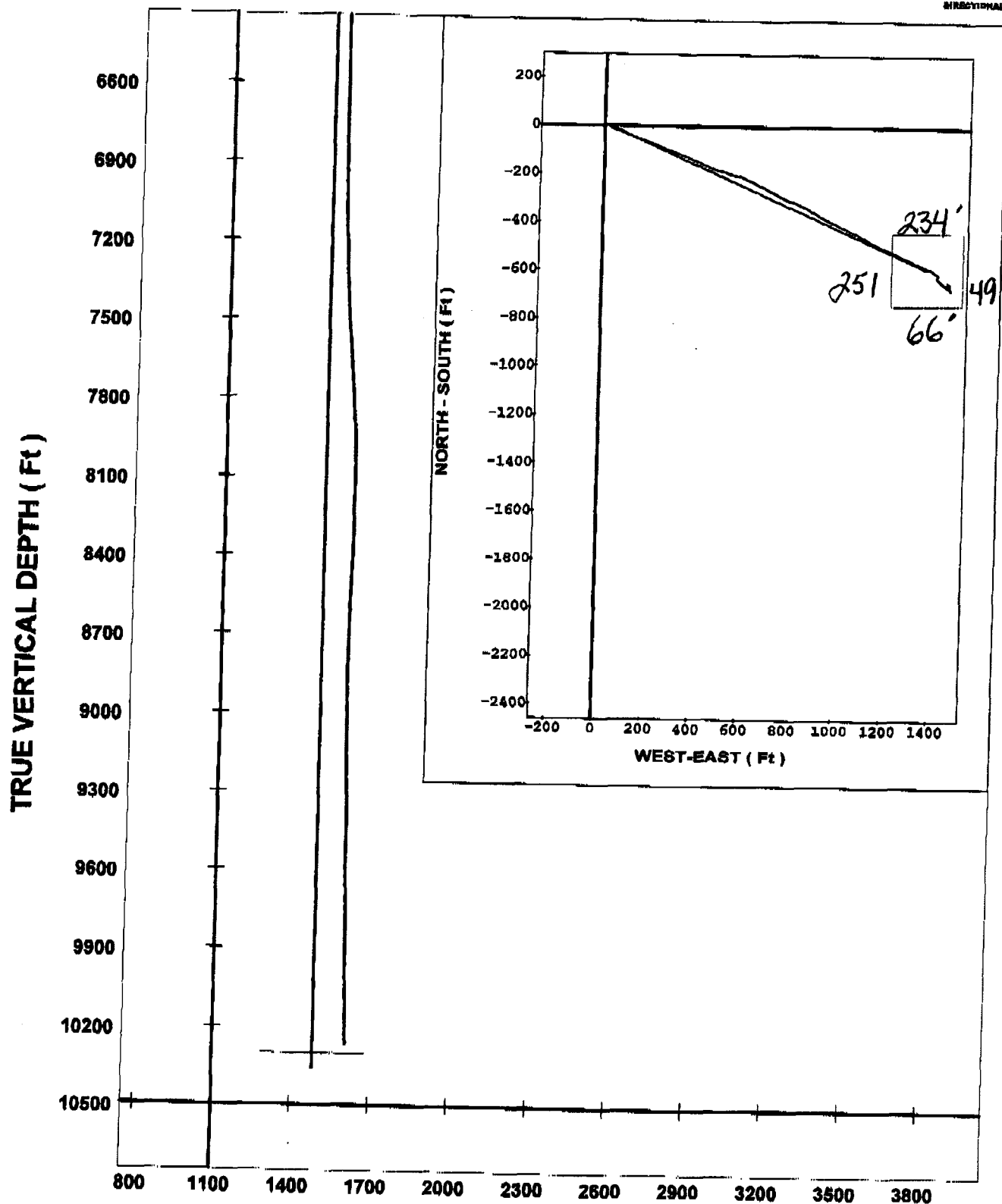
Date/Time: 14-Apr-05 / 01:43

Curve Name: WORK

WINSERVE SURVEY CALCULATIONS  
Minimum Curvature Method  
Vertical Section Plane 113.65  
Vertical Section Referenced to Wellhead  
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
9965.00	1.80	157.70	31.00	9726.77	-653.70	1457.42	1597.24	-.65	-38.39	158.47	1.42
9997.00	1.50	162.30	32.00	9758.76	-654.56	1457.74	1597.88	-.94	14.38	7.76	1.02
10029.00	1.80	163.60	32.00	9790.74	-655.44	1458.00	1598.48	.94	4.06	159.29	.94
10058.00	1.50	168.00	29.00	9819.73	-656.25	1458.21	1598.99	-1.03	15.17	-63.36	1.12
10090.00	1.70	156.70	32.00	9851.72	-657.10	1458.49	1599.59	.62	-35.31	118.33	1.16
10122.00	1.60	164.30	32.00	9883.70	-657.96	1458.80	1600.22	-.31	23.75	-113.71	.75
10154.00	1.50	153.00	32.00	9915.69	-658.76	1459.11	1600.82	-.31	-35.31	130.03	1.00
10187.00	1.30	165.10	33.00	9948.68	-659.51	1459.40	1601.39	-.61	36.67	-47.53	1.08
10219.00	1.40	160.80	32.00	9980.67	-660.23	1459.62	1601.88	.31	-13.44	60.94	.44
10250.00	1.70	175.70	31.00	10011.66	-661.05	1459.78	1602.36	.97	48.06	-85.51	1.61
10280.00	1.80	160.50	30.00	10041.65	-661.93	1459.97	1602.89	.33	-50.67	-37.64	1.58
10314.00	2.00	156.20	34.00	10075.63	-662.98	1460.39	1603.69	.59	-12.65	-112.28	.72
10346.00	1.90	147.00	32.00	10107.61	-663.94	1460.90	1604.54	-.31	-28.75	93.90	1.03
10378.00	1.90	154.80	32.00	10139.59	-664.86	1461.42	1605.39	.00	24.38	-90.80	.81
10409.00	1.90	153.20	31.00	10170.58	-665.79	1461.87	1606.17	.00	-5.16	-94.75	.17
10442.00	1.90	143.70	33.00	10203.56	-666.71	1462.44	1607.06	.00	-28.79	15.63	.95
10473.00	2.00	144.50	31.00	10234.54	-667.57	1463.06	1607.97	.32	2.58	62.76	.33
10505.00	2.10	149.40	32.00	10266.52	-668.53	1463.68	1608.93	.31	15.31	65.15	.63

Company: Questar  
Lease/Well: WRU EIH # 11ML-24-8-22  
Location: Sec 24, T8S, R22E  
State/Country: Utah, Uintah  
Declination: 12.23



-- WORK -- S-WELL-11MU

VERTICAL SECTION (Ft) @ 113.65°



**Weatherford®**  
DIRECTIONAL SERVICES

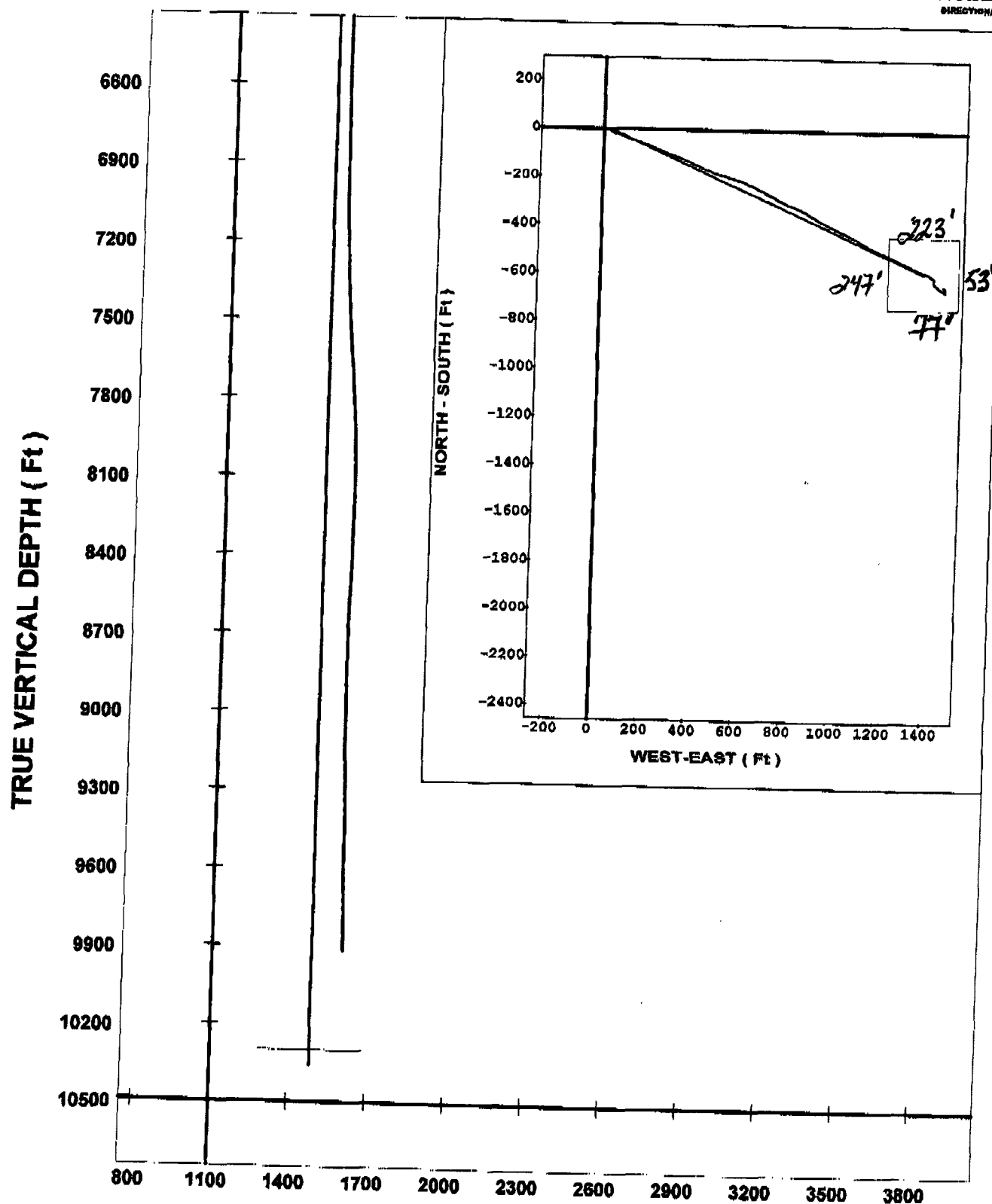
Job Number: WYL0503D039  
Company: Questar  
Lease/Well: WRU EIH # 11ML-24-8-22  
Location: Sec 24, T8S, R22E  
Rig Name: Patterson 51  
RKB: ☐  
G.L. or M.S.L.: ☐

State/Country: Utah, Uintah  
Declination: 12.23  
Grid: ☐  
File name: C:\SURVEY\QUESTA~1\11MU-24.SVY  
Date/Time: 12-Apr-06 / 03:32  
Curve Name: WORK

WINSERVE SURVEY CALCULATIONS  
Minimum Curvature Method  
Vertical Section Plane 113.65  
Vertical Section Referenced to Wellhead  
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
9520.00	1.90	113.30	32.00	9281.97	-641.41	1455.58	1590.63	.00	72.19	111.38	2.38
9616.00	2.10	167.30	96.00	9377.92	-643.75	1457.43	1593.27	.21	58.25	148.10	1.90
9679.00	1.30	194.00	63.00	9440.90	-645.57	1457.51	1594.07	-1.27	42.38	76.22	1.75
9711.00	1.50	212.90	32.00	9472.89	-646.27	1457.20	1594.07	.62	59.06	-135.43	1.56
9743.00	1.30	203.40	32.00	9504.88	-646.96	1456.83	1594.00	-.62	-29.69	-89.20	.96
9775.00	1.40	182.40	32.00	9536.87	-647.68	1456.67	1594.14	.31	-65.83	12.46	1.57
9806.00	1.80	185.20	31.00	9567.86	-648.55	1456.61	1594.43	1.29	9.03	-91.50	1.31
9838.00	1.80	182.20	32.00	9599.84	-649.55	1456.54	1594.78	.00	-9.38	-70.57	.29
9870.00	2.00	169.70	32.00	9631.82	-650.60	1456.62	1595.27	.62	-39.06	-116.75	1.43
9902.00	1.90	162.90	32.00	9663.80	-651.66	1456.88	1595.93	-.31	-21.25	69.69	.79
9934.00	2.00	169.60	32.00	9695.79	-652.71	1457.14	1596.59	.31	20.94	-122.74	.78
9965.00	1.80	157.70	31.00	9726.77	-653.70	1457.42	1597.24	-.65	-38.39	158.47	1.42
9997.00	1.50	162.30	32.00	9758.76	-654.56	1457.74	1597.88	-.94	14.38	7.76	1.02
10029.00	1.80	163.60	32.00	9790.74	-655.44	1458.00	1598.48	.94	4.06	159.29	.94
10058.00	1.50	168.00	29.00	9819.73	-656.25	1458.21	1598.99	-1.03	15.17	-63.36	1.12
10090.00	1.70	156.70	32.00	9851.72	-657.10	1458.49	1599.59	.62	-35.31	118.33	1.16
10122.00	1.60	164.30	32.00	9883.70	-657.96	1458.80	1600.22	-.31	23.75	-113.71	.75
10154.00	1.50	153.00	32.00	9915.69	-658.76	1459.11	1600.82	-.31	-35.31	-117.36	1.00

Company: Questar  
Lease/Well: WRU EIH # 11ML-24-8-22  
Location: Sec 24, T8S, R22E  
State/Country: Utah, Uintah  
Declination: 12.23



-- WORK -- S-WELL-11MU

VERTICAL SECTION (Ft) @ 113.65°





**Weatherford**  
DIRECTIONAL SERVICES

Job Number: WYL0503D039

Company: Questar

Lease/Well: WRU EIH # 11MU-24-B-22

Location: Sec 24, T8S, R22E

Rig Name: Patterson 51

RKB: ☐G.L. or M.S.L.: ☐

State/Country: Utah, Uintah

Declination: 12.23

Grid: ☐

File name: C:\WINSERVE\UTAH\QUESTAR\11MU-24.SVY

Date/Time: 02-Apr-05 / 02:42

Curve Name: WORK

## WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 113.65

Vertical Section Referenced to Wellhead

Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
<b>PICK UP DIRECTIONAL TOOLS 8028 MD</b>											
8027.00	5.00	125.00	286.00	7789.84	-649.58	1442.57	1581.99	.28	.59	152.34	.28
8121.00	3.70	136.20	94.00	7883.57	-854.12	1448.02	1588.81	-1.38	11.91	-148.26	1.65
8184.00	2.80	123.90	63.00	7946.47	-856.44	1450.71	1592.20	-1.43	-19.52	-157.37	1.80
8248.00	1.70	107.20	64.00	8010.42	-857.60	1452.91	1594.68	-1.72	-26.09	-137.31	1.98
8312.00	1.20	43.70	64.00	8074.40	-857.39	1454.28	1595.85	-.78	-99.22	-75.23	2.48
8375.00	1.80	8.60	63.00	8137.38	-655.94	1454.89	1595.82	.95	-55.71	-53.95	1.70
8439.00	2.30	353.90	64.00	8201.34	-853.67	1454.90	1594.93	.78	-22.97	-146.10	1.13


**Weatherford**  
 DIRECTIONAL SERVICES

Job Number: WYL0603D038

Company: Questar

Lease/Well: WRU EIH # 11MU-24-B-22

Location: Sec 24, T8S, R22E

Rig Name: Patterson 51

RKB: □

G.L. or M.S.L.: □

State/Country: Utah, Uintah

Declination: 12.23

Grid: □

File name: C:\WINSERVE\UTAH\QUESTAR\11MU-24.SVY

Date/Time: 01-Apr-05 / 02:56

Curve Name: WORK

**WINSERVE SURVEY CALCULATIONS**  
 Minimum Curvature Method  
 Vertical Section Plane 113.65  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
6210.00	6.20	123.00	95.00	5975.22	-593.23	1392.50	1513.53	-.74	-.32	-178.06	.74
6306.00	3.40	121.40	96.00	6070.88	-597.54	1399.28	1521.46	-2.92	-1.67	154.57	2.92
6402.00	2.80	127.40	96.00	6166.74	-600.44	1403.58	1526.56	-.63	6.25	57.67	.71
6498.00	2.90	130.40	96.00	6262.62	-603.44	1407.29	1531.16	.10	3.13	149.43	.19
6593.00	1.50	200.50	95.00	6357.56	-606.16	1408.68	1533.53	-1.47	73.79	-178.40	2.92
6689.00	1.20	200.10	96.00	6453.53	-608.28	1407.90	1533.67	-.31	-.42	-35.63	.31
6784.00	1.30	197.00	95.00	6548.51	-610.25	1407.24	1533.85	.11	-3.26	174.69	.13
6879.00	1.00	198.60	95.00	6643.49	-612.07	1406.66	1534.05	-.32	1.68	-129.45	.32
6975.00	.80	174.30	96.00	6739.48	-613.53	1406.46	1534.45	-.21	-25.31	31.93	.44
7070.00	1.00	181.20	95.00	6834.47	-615.02	1406.51	1535.09	.21	7.26	-41.96	.24

**LAY DOWN DIRECTIONAL TOOLS 7214 MD**

7165.00	1.20	173.10	95.00	6929.45	-616.83	1406.61	1535.92	.21	-8.53	-30.41	.27
7313.00	2.10	159.50	148.00	7077.39	-620.91	1407.75	1538.59	.61	-9.19	-64.31	.66
7550.00	3.10	132.80	237.00	7314.15	-629.33	1413.97	1547.67	.42	-11.27	-33.60	.65
7741.00	4.20	123.30	191.00	7504.76	-636.88	1423.61	1559.45	.58	-4.97	10.52	.68

**PICK UP DIRECTIONAL TOOLS 8028 MD**

8027.00	5.00	125.00	286.00	7789.84	-649.58	1442.57	1581.99	.28	.59	152.34	.28
8121.00	3.70	136.20	94.00	7883.57	-654.12	1448.02	1588.81	-1.38	11.91	-148.26	1.65
8184.00	2.80	123.90	63.00	7946.47	-656.44	1450.71	1592.20	-1.43	-19.52	-157.37	1.80
8248.00	1.70	107.20	64.00	8010.42	-657.60	1452.91	1594.68	-1.72	-26.09	-166.62	1.98


**Weatherford**  
 DIRECTIONAL SERVICES

Job Number: WYL0603D038

Company: Questar

Lease/Walk: WRU EH # 11MU-24-S-22

Location: Sec 24, T8S, R22E

Rig Name: Patterson 61

RKB:

G.L. or M.S.L.:

State/Country: Utah, Uintah

Declination: 12.23

Grid:

File name: C:\WINSERVE\UTAH\QUESTAR\11MU-24.SVY

Date/Time: 24-Mar-05 / 04:00

Curve Name: Work-11MU

**WINSERVE SURVEY CALCULATIONS**  
*Minimum Curvature Method*  
*Vertical Section Plane 113.65*  
*Vertical Section Referenced to Wellhead*  
*Rectangular Coordinates Referenced to Wellhead*

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
5258.00	15.00	114.20	95.00	5042.46	-519.10	1222.91	1328.44	-.53	.42	-175.26	.54
5353.00	14.40	114.00	95.00	5134.35	-528.94	1244.92	1352.54	-.63	-.21	188.39	.63
5448.00	13.60	114.70	95.00	5226.53	-538.41	1265.86	1375.52	-.84	.74	-176.83	.86
5543.00	12.80	114.50	95.00	5319.02	-547.44	1285.58	1397.21	-.84	-.21	-156.82	.84
5638.00	12.40	113.70	95.00	5411.73	-555.91	1304.49	1417.94	-.42	-.84	-174.26	.46
5734.00	11.60	113.30	96.00	5505.63	-563.87	1322.80	1437.90	-.83	-.42	-111.08	.84
5829.00	11.40	110.50	95.00	5598.73	-570.94	1340.36	1456.82	-.21	-2.95	-115.95	.62
5924.00	11.00	105.80	95.00	5691.92	-576.69	1357.88	1475.17	-.42	-4.95	164.19	1.05
6020.00	7.80	112.60	96.00	5786.62	-581.69	1372.71	1490.77	-3.33	7.08	128.55	3.52
6115.00	6.90	123.30	95.00	5880.85	-587.30	1383.43	1502.84	-.95	11.28	-177.35	1.72
6210.00	6.20	123.00	95.00	5975.22	-593.23	1392.50	1513.53	-.74	-.32	-178.06	.74
6308.00	3.40	121.40	96.00	6070.88	-597.54	1399.28	1521.46	-2.92	-1.67	154.57	2.92
6402.00	2.80	127.40	96.00	6166.74	-600.44	1403.58	1526.56	-.63	6.25	57.67	.71
6498.00	2.90	130.40	96.00	6262.62	-603.44	1407.29	1531.16	.10	3.13	149.43	.19
6593.00	1.50	200.50	95.00	6357.56	-606.16	1408.68	1533.53	-1.47	73.79	-178.40	2.92
6689.00	1.20	200.10	96.00	6453.53	-608.28	1407.90	1533.67	-.31	-.42	-35.63	.31
6784.00	1.30	197.00	95.00	6548.51	-610.25	1407.24	1533.85	.11	-3.26	174.69	.13
6879.00	1.00	198.60	95.00	6643.49	-612.07	1406.66	1534.05	-.32	1.68	176.29	.32



**Weatherford**  
DIRECTIONAL SERVICES

Job Number: WYL0603D639

Company: Questar

Lease/Well: WRU EIH # 11MU-24-9-22

Location: Sec 24, T8S, R22E

Rig Name: Patterson 51

RKB: □

G.L. or M.S.L.: □

State/Country: Utah, Uintah

Declination: 12.23

Grid: □

File name: C:\WINSERVE\UTAH\QUESTAR\11MU-24.SVY

Date/Time: 22-Mar-05 / 19:18

Curve Name: Work-11MU

WINSERVE SURVEY CALCULATIONS  
Minimum Curvature Method  
Vertical Section Plane 113.65  
Vertical Section Referenced to Wellhead  
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
4750.00	17.70	117.40	94.00	4550.47	-465.94	1108.84	1202.62	-2.23	-1.60	-177.60	2.29
4878.00	13.30	116.60	128.00	4673.79	-481.49	1139.30	1236.76	-3.44	-.62	-163.18	3.44
4973.00	12.00	114.70	95.00	4766.48	-490.51	1158.04	1257.55	-1.37	-2.00	-14.96	1.44
5036.00	13.20	113.30	63.00	4827.96	-496.09	1170.60	1271.29	1.80	-2.22	1.65	1.97
5100.00	15.00	113.50	64.00	4890.03	-502.29	1184.90	1286.88	2.81	.31	9.11	2.81
5163.00	15.50	113.80	63.00	4950.81	-508.93	1200.08	1303.45	.79	.48	168.31	.80
5258.00	15.00	114.20	95.00	5042.46	-519.10	1222.91	1326.44	-.53	.42	-175.26	.54
5353.00	14.40	114.00	95.00	5134.35	-528.94	1244.92	1352.54	-.63	-.21	168.39	.63
5448.00	13.60	114.70	95.00	5226.53	-538.41	1265.86	1375.52	-.84	.74	-176.83	.86
5543.00	12.80	114.50	95.00	5319.02	-547.44	1285.58	1397.21	-.84	-.21	-156.82	.84
5638.00	12.40	113.70	95.00	5411.73	-555.91	1304.49	1417.94	-.42	-.84	-174.26	.46
5734.00	11.60	113.30	96.00	5505.63	-563.87	1322.80	1437.90	-.63	-.42	-111.08	.84
5829.00	11.40	110.50	95.00	5598.73	-570.94	1340.36	1456.82	-.21	-2.95	-115.95	.62
5924.00	11.00	105.80	95.00	5691.92	-576.69	1357.88	1475.17	-.42	-4.95	164.19	1.05
6020.00	7.80	112.60	96.00	5786.62	-581.89	1372.71	1490.77	-3.33	7.08	128.55	3.52
6115.00	8.90	123.30	95.00	5880.85	-587.30	1383.43	1502.84	-.95	11.26	-177.35	1.72
6210.00	6.20	123.00	95.00	5975.22	-593.23	1392.50	1513.53	-.74	-.32	-178.06	.74
6306.00	3.40	121.40	96.00	6070.88	-597.54	1399.28	1521.46	-2.92	-1.67	.00	2.92


**Weatherford**  
 DIRECTIONAL SERVICES

Job Number: WYLO603D039

Company: Questar

Lease/Well: WRU EN # 11MU-24-8-82

Location: Sec 24,T8S,R22E

Rig Name: Patterson 51

RKB: ☐G.L. or M.S.L.: ☐

State/Country: Utah,Utah

Declination: 12.23

Grid: ☐

File name: C:\WINSERVE\UTAH\QUESTAR\11MU-24.SVY

Date/Time: 22-Mar-85 / 82:14

Curve Name: Work-11MU

**WINSERVE SURVEY CALCULATIONS**  
*Minimum Curvature Method*  
*Vertical Section Plane 113.65*  
*Vertical Section Referenced to Wellhead*  
*Rectangular Coordinates Referenced to Wellhead*

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
5036.00	13.20	113.30	63.00	4827.96	-496.09	1170.60	1271.29	1.90	-2.22	1.65	1.97
5100.00	15.00	113.50	64.00	4890.03	-502.29	1184.90	1286.88	2.81	.31	9.11	2.81
5163.00	15.50	113.80	63.00	4950.81	-508.93	1200.08	1303.45	.79	.48	168.31	.80
5258.00	15.00	114.20	95.00	5042.46	-519.10	1222.91	1328.44	-.53	.42	-175.26	.54
5353.00	14.40	114.00	95.00	5134.35	-528.94	1244.82	1352.54	-.63	-.21	168.39	.63
5448.00	13.60	114.70	95.00	5226.53	-538.41	1265.86	1375.52	-.84	.74	-176.83	.86
5543.00	12.80	114.50	95.00	5319.02	-547.44	1285.58	1397.21	-.84	-.21	-156.82	.84
5638.00	12.40	113.70	95.00	5411.73	-555.91	1304.49	1417.94	-.42	-.84	-174.26	.46
5734.00	11.60	113.30	96.00	5505.63	-563.87	1322.80	1437.90	-.83	-.42	-111.08	.84
5829.00	11.40	110.50	95.00	5598.73	-570.94	1340.36	1456.82	-.21	-2.95	-115.95	.62
5924.00	11.00	105.80	95.00	5691.92	-576.69	1357.88	1475.17	-.42	-4.95	164.19	1.05
6020.00	7.80	112.80	96.00	5786.62	-581.69	1372.71	1490.77	-3.33	7.08	128.55	3.52
6115.00	6.90	123.30	95.00	5880.85	-587.30	1383.43	1502.84	-.95	11.26	-177.35	1.72
6210.00	6.20	123.00	95.00	5975.22	-593.23	1392.50	1513.53	-.74	-.32	-172.15	.74
<b>PROJECTION-WEAK MWD PULSES-NO SURVEYS AVAILABLE</b>											
6306.00	4.50	120.00	96.00	6070.80	-597.93	1400.11	1522.38	-1.77	-3.13	-169.31	1.79
<b>PROJECTION</b>											
6402.00	3.80	118.00	96.00	6166.55	-601.31	1406.18	1529.30	-.73	-2.08	-172.56	.74
<b>PROJECTION</b>											
6498.00	3.00	116.00	96.00	6262.38	-603.91	1411.25	1534.98	-.83	-2.08	-173.54	.84
<b>PROJECTION TO BIT-TRIP FOR MWD</b>											
6547.00	2.60	115.00	49.00	6311.32	-604.94	1413.41	1537.37	-.82	-2.04	-174.52	.82


**Weatherford**  
 DIRECTIONAL SERVICES

Job Number: WYL0603D039

Company: Questar

Lease/Well: WRU EIN # 11MU-24-2-22

Location: Sec 24,T8S,R22E

Rig Name: Patterson 51

RKB: □

G.L. or M.S.L.: □

State/Country: Utah,Uintah

Declination: 12.23

Grid: □

File name: C:\WINSERVE\UTAH\QUESTAR\11MU-24.SVY

Date/Time: 21-Mar-06 / 06:40

Curve Name: Work-11MU

**WINSERVE SURVEY CALCULATIONS**  
*Minimum Curvature Method*  
*Vertical Section Plane 113.65*  
*Vertical Section Referenced to Wellhead*  
*Rectangular Coordinates Referenced to Wellhead*

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	Course Length FT	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	BUILD RATE Deg/100	WALK RATE Deg/100	TFO Deg	Dogleg Severity Deg/100
4465.00	27.50	113.00	95.00	4288.16	-416.28	1010.58	1092.70	1.05	-1.47	133.45	1.25
4560.00	25.90	117.00	95.00	4373.04	-434.27	1049.27	1135.35	-1.68	4.21	173.98	2.53
4656.00	19.80	118.90	96.00	4461.46	-451.66	1082.21	1172.51	-8.35	1.98	-167.78	6.40
4750.00	17.70	117.40	94.00	4550.47	-485.94	1108.84	1202.62	-2.23	-1.80	-177.60	2.29
4876.00	13.30	116.60	128.00	4673.79	-481.49	1139.30	1236.76	-3.44	-.62	-163.18	3.44
4973.00	12.00	114.70	95.00	4766.48	-490.51	1158.04	1257.55	-1.37	-2.00	-14.96	1.44
5036.00	13.20	113.30	63.00	4827.96	-496.09	1170.60	1271.29	1.90	-2.22	1.65	1.97
5100.00	15.00	113.50	64.00	4890.03	-502.29	1184.90	1286.88	2.81	.31	9.11	2.81
5163.00	15.50	113.80	63.00	4950.81	-508.93	1200.08	1303.45	.79	.48	168.31	.80
5258.00	15.00	114.20	95.00	5042.46	-519.10	1222.91	1328.44	-.53	.42	-175.26	.54
5353.00	14.40	114.00	95.00	5134.35	-528.94	1244.92	1352.54	-.63	-.21	168.39	.63
5448.00	13.60	114.70	95.00	5226.53	-538.41	1265.86	1375.52	-.84	.74	-176.83	.86
5543.00	12.80	114.50	95.00	5319.02	-547.44	1285.58	1397.21	-.84	-.21	-156.82	.84
5638.00	12.40	113.70	95.00	5411.73	-555.91	1304.49	1417.94	-.42	-.84	-174.26	.46
5734.00	11.60	113.30	96.00	5505.63	-563.87	1322.80	1437.90	-.83	-.42	-111.08	.84
5829.00	11.40	110.50	95.00	5598.73	-570.94	1340.36	1456.82	-.21	-2.95	-115.95	.62
5924.00	11.00	105.80	95.00	5691.92	-576.89	1357.88	1475.17	-.42	-4.95	164.19	1.05
6020.00	7.80	112.60	96.00	5786.62	-581.69	1372.71	1490.77	-3.33	7.08	167.23	3.52
-Projection to Bit-											
6069.00	6.17	116.07	49.00	5835.26	-584.12	1378.15	1496.72	-3.33	7.08	.00	3.44

State of Utah  
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR: **QEP Uinta Basin, Inc.**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078-8526**

OPERATOR ACCT. No. **N-2460**

**(435)781-4300**

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
C	99999	12528	43-047-35805	WRU EIH 11MU 24 8 22	NWSW	24	8S	22E	Uintah	1/19/2005	8/11/05
WELL 1 COMMENTS: Bottom Location 1980' FSL, 1980' FWL, NESW Sec 24, T8S, R22E. WASATCH											
CONFIDENTIAL											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

2/02/04

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

Signature

Office Administrator II 8/11/2005

Title Date

Phone No. **(435)781-4342**

CONFIDENTIAL

RECEIVED

AUG 11 2005

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

CONFIDENTIAL

2. Name of Operator

QEP UINTA BASIN, INC.

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Contact: mike.stahl@questar.com

435.781.4389 Fax 435.781.4329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface - Sec 24, T8S, R22E NWSW - 2578' FSL, 656' FWL  
Bottomhole - Sec 24, T8S, R22E NESW - 1980' FSL, 1980' FWL

5. Lease Designation and Serial No.

UTU-43917

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

WHITE RIVER UNIT

8. Well Name and No.

WRU EIH 11ML-24-8-22

9. API Well No.

43-047-35805

10. Field and Pool, or Exploratory Area

WHITE RIVER

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Commingling  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)  
"In compliance with the stated objectives of the Federal Regulations for Onshore Oil & Gas Operations and the applicable Federal Unit Agreement, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the WRU EIH 11ML-24-8-22. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the two gas streams.  
Questar requests approval for the commingling between the Mesa Verde and Wasatch intervals. The proposed method to determine the allocation of production between the intervals is described below:  
1 - Four Wasatch zones located at these depths: 6398-7300' and thirteen Mesa Verde zones located at 8191'-10,519' will be placed on production for a minimum of 90 days to stabilize production. At that time a gas sample will be taken and analyzed to serve as a baseline.  
2 - The initial allocation is being estimated from the net pay of the Mesa Verde and Wasatch formations. That allocation would be:  
Wasatch Production: 13% - for 11' of net pay  
Mesa Verde Production: 87% - for 74' of net pay  
3 - After the well is stabilized a production survey will be run across all of the zones to determine the allocation of produced gas from the Mesa Verde and the Wasatch.  
4 - If the production survey demonstrates that the allocation rates are different by more than 2% from the estimated allocation, the OGOR Report will be amended to reflect those changes.  
5 - On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.  
3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.

Signed Mike Stahl

Title Engineer

Federal Approval Of This  
Action Is Necessary  
Date 9/12/05

(This space for Federal or State office use)

Approved by:

Conditions of approval, if any

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Date 10/24/05

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement or fraudulent statements or representations as to any matter within its jurisdiction.

By: [Signature]

OCT 04 2005

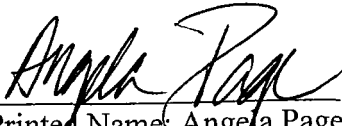


## AFFIDAVIT OF NOTICE

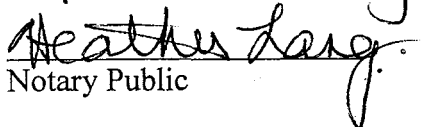
STATE OF COLORADO     )  
COUNTY OF DENVER     )     ss:

Angela Page, being duly sworn, deposes and says:

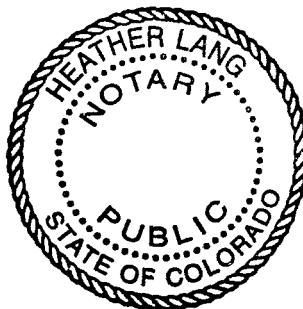
1. That I am employed by Questar Market Resources in the capacity as a Landman. My business address is Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265
2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 615-3-22 I have provided a copy of Questar Market Resource's application for completion of the WRU EIH 11ML-24-8-22 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
3. In my capacity as a Landman I am authorized to provide such notice of Questar Market Resource's application to contiguous owners and to make this affidavit on this 21<sup>st</sup> day of September, 2005.

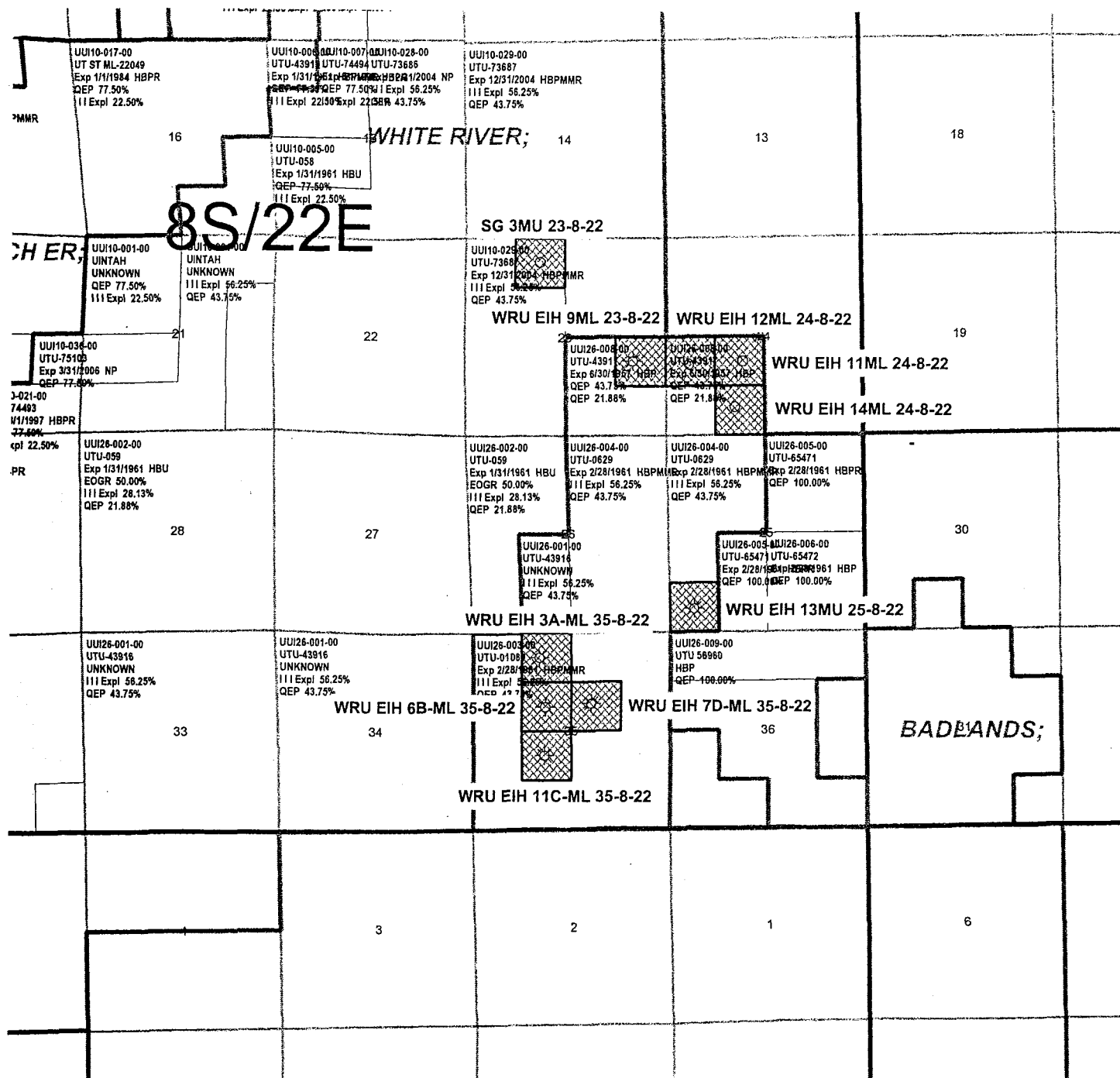
  
Printed Name: Angela Page

The foregoing instrument was sworn to and subscribed before me this 21<sup>st</sup> day of Sept., 2005, by Angela Page

  
Notary Public

My Commission Expires 07/08/2008





**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**Change of Operator (Well Sold)**

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

**FROM: (Old Operator):**

N2460-QEP Uinta Basin, Inc.  
 1050 17th St, Suite 500  
 Denver, CO 80265

Phone: 1 (303) 672-6900

**TO: ( New Operator):**

N5085-Questar E&P Company  
 1050 17th St, Suite 500  
 Denver, CO 80265

Phone: 1 (303) 672-6900

CA No.				Unit:		WHITE RIVER UNIT		
WELL NAME		SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS					*			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WHITE RIVER 31-4	WR 31-4	SWSE	04	080S	220E	4304715090	4915	Federal	WS	A
WRU 15-35-8-22	WRU EIH 15-35-8-22	SWSE	35	080S	220E	4304733061	12528	Federal	GW	P
E IRON HORSE 12W-35-8-22	WRU EIH 12W-35-8-22	NWSW	35	080S	220E	4304733393	12528	Federal	GW	P
WRU 13W-3-8-22	WR 13W-3-8-22	SWSW	03	080S	220E	4304733651	13544	Federal	GW	P
GB 6W-9-8-22	OU GB 6W-9-8-22	SENE	09	080S	220E	4304734010	13545	Federal	GW	P
E IRON HORSE 4W-35-8-22	WRU EIH 4W-35-8-22	NWNW	35	080S	220E	4304734042	12528	Federal	GW	P
E IRON HORSE 3W-35-8-22		NENW	35	080S	220E	4304734044	12528	Federal	GW	P
GB 4W-9-8-22	WRU GB 4WRG-9-8-22	NWNW	09	080S	220E	4304734208	4915	Federal	GW	DRL
WRU 13WX-35-8-22	WRU EIH 13WX-35-8-22	SWSW	35	080S	220E	4304734210	12528	Federal	GW	P
WRU EIH 5W-35-8-22	WRU EIH 5W-35-8-22	SWNW	35	080S	220E	4304734572	12528	Federal	GW	P
OU GB 14W-9-8-22	OU GB 14W-9-8-22	SESW	09	080S	220E	4304734649	13545	Federal	GW	P
WRU GB 9MU-9-8-22	WRU GB 9MU-9-8-22	NESE	09	080S	220E	4304734650	13545	Federal	GW	P
OU GB 10W-9-8-22	OU GB 10W-9-8-22	NWSE	09	080S	220E	4304734651	13545	Federal	GW	P
OU GB 12W-9-8-22	OU GB 12W-9-8-22	NWSW	09	080S	220E	4304734652	13712	Federal	GW	S
OU GB 15W-9-8-22	OU GB 15W-9-8-22	SWSE	09	080S	220E	4304734678	13545	Federal	GW	P
OU GB 16W-9-8-22	OU GB 16W-9-8-22	SESE	09	080S	220E	4304734679	13545	Federal	GW	P
WRU EIH 6W-35-8-22	WRU EIH 6W-35-8-22	SENE	35	080S	220E	4304734684	12528	Federal	GW	P
GB 11ML-10-8-22	GB 11ML-10-8-22	NESW	10	080S	220E	4304734691	14818	Federal	GW	P
WRU EIH 11W-35-8-22	WRU EIH 11W-35-8-22	NESW	35	080S	220E	4304734708	12528	Federal	GW	P
WRU GB 5M-9-8-22	WRU GB 5M-9-8-22	SWNW	09	080S	220E	4304734753	13545	Federal	GW	P
OU GB 12W-4-8-22	OU GB 12W-4-8-22	NWSW	04	080S	220E	4304734762	13718	Federal	GW	P
OU GB 12M-10-8-22	OU GB 12M-10-8-22	NWSW	10	080S	220E	4304734769	13864	Federal	GW	P
WRU EIH 14W-26-8-22	WRU EIH 14W-26-8-22	SESW	26	080S	220E	4304734835	12528	Federal	GW	S
WRU EIH 11MU-26-8-22	WRU EIH 11MU-26-8-22	NESW	26	080S	220E	4304734836	12528	Federal	GW	P
WRU EIH 10W-35-8-22	WRU EIH 10W-35-8-22	NWSE	35	080S	220E	4304735046	12528	Federal	GW	P
WRU EIH 9MU-26-8-22	WRU EIH 9MU-26-8-22	NESE	26	080S	220E	4304735047	14003	Federal	GW	P
WRU EIH 15MU-26-8-22	WRU EIH 15MU-26-8-22	SWSE	26	080S	220E	4304735048	12528	Federal	GW	P
WRU EIH 1MU-35-8-22	WRU EIH 1MU-35-8-22	NENE	35	080S	220E	4304735049	12528	Federal	GW	P
WRU EIH 9M-35-8-22	WRU EIH 9M-35-8-22	NESE	35	080S	220E	4304735050	12528	Federal	GW	P
WRU EIH 7MU-35-8-22	WRU EIH 7MU-35-8-22	SWNE	35	080S	220E	4304735051	12528	Federal	GW	P
WRU EIH 1MU-26-8-22	WRU EIH 1MU-26-8-22	NENE	26	080S	220E	4304735118	12528	Federal	GW	P
WRU EIH 7MU-26-8-22	WRU EIH 7MU-26-8-22	SENE	26	080S	220E	4304735119	12528	Federal	GW	P
WRU EIH 10MU-26-8-22	WRU EIH 10MU-26-8-22	NWSE	26	080S	220E	4304735120	12528	Federal	GW	P
WRU EIH 15MU-35-8-22	WRU EIH 15MU-35-8-22	SWSE	35	080S	220E	4304735121	12528	Federal	GW	P
WRU EIH 10ML-23-8-22	WRU EIH 10ML-23-8-22	NWSE	23	080S	220E	4304735187	12528	Federal	GW	P
SG 12MU-23-8-22	SG 12MU-23-8-22	NWSW	23	080S	220E	4304735188	12528	Federal	GW	P
WRU EIH 9ML-23-8-22	WRU EIH 9ML-23-8-22	NESE	23	080S	220E	4304735189	12528	Federal	GW	P
WRU EIH 16MU-26-8-22	WRU EIH 16MU-26-8-22	SESE	26	080S	220E	4304735191	12528	Federal	GW	P
WRU EIH 2MU-26-8-22	WRU EIH 2MU-26-8-22	NWNE	26	080S	220E	4304735192	12528	Federal	GW	P
WRU EIH 8MU-26-8-22	WRU EIH 8MU-26-8-22	SENE	26	080S	220E	4304735193	12528	Federal	GW	P
WRU EIH 16MU-35-8-22	WRU EIH 16MU-35-8-22	SESE	35	080S	220E	4304735194	12528	Federal	GW	P



QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WRU EIH 8MU-35-8-22	WRU EIH 8MU-35-8-22	SENE	35	080S	220E	4304735195	12528	Federal	GW	P
WRU EIH 13MU-25-8-22	WRU EIH 13MU-25-8-22	SWSW	25	080S	220E	4304735329	12528	Federal	GW	P
WRU EIH 15ML-23-8-22	WRU EIH 15ML-23-8-22	SWSE	23	080S	220E	4304735387	12528	Federal	GW	P
WRU EIH 4MU-25-8-22	WRU EIH 4MU-25-8-22	NWNW	25	080S	220E	4304735388	12528	Federal	GW	P
WRU EIH 3MU-25-8-22	EIH 3MU-25-8-22	NENW	25	080S	220E	4304735389	12528	Federal	GW	P
WRU EIH 12ML-24-8-22	WRU EIH 12ML-24-8-22	NWSW	24	080S	220E	4304735425	12528	Federal	GW	P
WRU EIH 14ML-24-8-22	WRU EIH 14ML-24-8-22	SESW	24	080S	220E	4304735426	12528	Federal	GW	P
WRU EIH 6MU-25-8-22	WRU EIH 6MU-25-8-22	SENW	25	080S	220E	4304735431	12528	Federal	GW	P
WRU EIH 5MU-25-8-22	WRU EIH 5MU-25-8-22	SWNW	25	080S	220E	4304735432	12528	Federal	GW	P
WRU EIH 12MU-25-8-22	WRU EIH 12MU-25-8-22	NWSW	25	080S	220E	4304735601	12528	Federal	GW	P
WRU EIH 14MU-35-8-22	WRU EIH 14MU-35-8-22	SESW	35	080S	220E	4304735667	12528	Federal	GW	P
WRU EIH 13ML-24-8-22	WRU EIH 13ML-24-8-22	SESW	24	080S	220E	4304735793	12528	Federal	GW	P
WRU EIH 16ML-23-8-22	WRU EIH 16ML-23-8-22	SWSE	23	080S	220E	4304735804	12528	Federal	GW	P
WRU EIH 11ML-24-8-22	WRU EIH 11ML-24-8-22	NWSW	24	080S	220E	4304735805	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-22	WRU EIH 6B-ML-35-8-22	SWNW	35	080S	220E	4304737299	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-20	WRU EIH 6B-ML-35-8-21	SWNW	35	080S	220E	4304737299	15281 12528	Federal	GW	S
WRU EIH 11BML-35-8-22	WRU EIH 11BML-35-8-22	NESW	35	080S	220E	4304737300	12528	Federal	GW	P
WRU EIH 3D-ML-35-8-22	WRU EIH 3D-ML-35-8-22	SENW	35	080S	220E	4304737465	12528	Federal	GW	P
WRU EIH 7D-ML-35-8-22	WRU EIH 7D-ML-35-8-22	SWNE	35	080S	220E	4304737466	12528	Federal	GW	P
WRU EIH 4AML-25-8-22	WRU EIH 4AD-25-8-22	NWNW	25	080S	220E	4304738636		Federal	GW	APD
WRU EIH 7AML-26-8-22	WRU EIH 7AD-26-8-22	SWNE	26	080S	220E	4304738637		Federal	GW	APD
WRU EIH 8DML-26-8-22	WRU EIH 8DML-26-8-22	SENE	26	080S	220E	4304738638		Federal	GW	APD
WRU EIH 9DML-26-8-22	WRU EIH 9DML-26-8-22	NESE	26	080S	220E	4304738639		Federal	GW	APD
WRU EIH 6DML-35-8-22	WRU EIH 6DD-35-8-22	SENW	35	080S	220E	4304738640		Federal	GW	APD
WRU EIH 7AD-35-8-22	WRU EIH 7AD-35-8-22	SWNE	35	080S	220E	4304738641		Federal	GW	APD
WRU EIH 13AML-35-8-22	WRU EIH 14BD-35-8-22	SWSW	35	080S	220E	4304738642		Federal	GW	APD
WRU EIH 2AML-35-8-22	WRU EIH 2AML-35-8-22	NWNE	35	080S	220E	4304738643		Federal	GW	APD
WRU EIH 3AD-35-8-22	WRU EIH 3AD-35-8-22	NENW	35	080S	220E	4304738644		Federal	GW	APD
WRU EIH 10AML-26-8-22	WRU EIH 10AML-26-8-22	NWSE	26	080S	220E	4304738647		Federal	GW	APD
WRU EIH 14AML-26-8-22	WRU EIH 14AML-26-8-22	SESW	26	080S	220E	4304738648		Federal	GW	APD
WRU EIH 9CML-26-8-22	WRU EIH 9CD-26-8-22	NESE	26	080S	220E	4304738649		Federal	GW	APD
WRU EIH 6BML-25-8-22	WRU EIH 6BML-25-8-22	SENW	25	080S	220E	4304738650		Federal	GW	APD
WRU EIH 15AG-35-8-22	WRU EIH 15AG-35-8-22	SWSE	35	080S	220E	4304738772		Federal	OW	APD
WRU EIH 15AML-35-8-22	WRU EIH 15AD-35-8-22	SWSE	35	080S	220E	4304738773		Federal	GW	APD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached	8. WELL NAME and NUMBER: see attached
	9. API NUMBER: attached
	10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

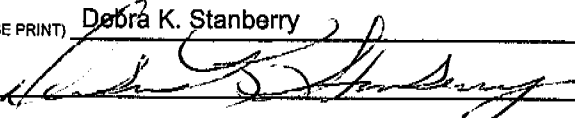
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry	TITLE Supervisor, Regulatory Affairs
SIGNATURE 	DATE 3/16/2007

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APR 19 2007

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
see attached

7. UNIT or CA AGREEMENT NAME:  
see attached

8. WELL NAME and NUMBER:  
see attached

9. API NUMBER:  
attached

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Name Changes
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE  DATE 4/17/2007

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APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: White River Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the White River Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007.

In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the White River Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the White River Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

### Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - White River Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-43917
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 11002 E 17500 S CITY Vernal STATE Ut ZIP 84078		7. UNIT or CA AGREEMENT NAME: White River Unit
PHONE NUMBER: (435) 781-4362		8. WELL NAME and NUMBER: WRU EIH 11ML-24-8-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2578' FSL 656' FWL		9. API NUMBER: 4304735805
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 24 8S 22E S		10. FIELD AND POOL, OR WILDCAT: Natural Buttes

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/11/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Four zones in the Wasatch formation were perforated from 6398' to 7300' and thirteen zones in the Mesaverde were perforated from 8191' to 10,519' and the well was placed on production for 90 days and allowed to stabilize. A sample and analysis of the gas was taken at the time for baseline.

Based on the net pay from the Wasatch and Mesaverde formations, the production allocation is:

Mesaverde 87%  
Wasatch 13%

NAME (PLEASE PRINT) Rick Canterbury TITLE Regulatory Affairs  
SIGNATURE *Rick Canterbury* DATE 6/27/2008

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JUL 02 2008

**CONFIDENTIAL**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

CA No.

Unit:

WHITE RIVER

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 Denver, CO 80265		9. API NUMBER: Attached
4. LOCATION OF WELL: FOOTAGES AT SURFACE: See attached		10. FIELD AND POOL, OR WILDCAT: See attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: Attached  STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:			

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~

BIA Bond Number: ~~799446~~

*N3700*

*965010695*

*965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED**

*6/13/2009*

*Earlene Russell*  
Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
**WHITE RIVER**  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WR 16-9	09	080S	220E	4304715081	4915	Federal	OW	S	
WRU EIH 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
WRU EIH 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	
WR 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
OU GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
WRU EIH 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	
WRU EIH 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	
WRU GB 4WRG-9-8-22	09	080S	220E	4304734208	4915	Federal	OW	P	
WRU EIH 13WX-35-8-22	35	080S	220E	4304734210	12528 13456	Federal	GW	P	
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	
OU GB 14W-9-8-22	09	080S	220E	4304734649	13545	Federal	GW	P	
WRU GB 9MU-9-8-22	09	080S	220E	4304734650	13545	Federal	GW	P	
OU GB 10W-9-8-22	09	080S	220E	4304734651	13545	Federal	GW	P	
OU GB 15W-9-8-22	09	080S	220E	4304734678	13545	Federal	GW	P	
OU GB 16W-9-8-22	09	080S	220E	4304734679	13545	Federal	GW	P	
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	12528 16723	Federal	GW	P	
GB 11ML-10-8-22	10	080S	220E	4304734691	14818	Federal	GW	P	
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	
WRU GB 5M-9-8-22	09	080S	220E	4304734753	13545 14447	Federal	GW	S	
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	
OU GB 12M-10-8-22	10	080S	220E	4304734769	13545	Federal	GW	P	
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	TA	
WRU EIH 11MU-26-8-22	26	080S	220E	4304734836	12528 13713	Federal	GW	P	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	12528 15700	Federal	GW	P	
WRU EIH 9MU-26-8-22	26	080S	220E	4304735047	12528 14003	Federal	GW	P	
WRU EIH 15MU-26-8-22	26	080S	220E	4304735048	12528	Federal	GW	P	
WRU EIH 1MU-35-8-22	35	080S	220E	4304735049	12528	Federal	GW	P	
WRU EIH 9M-35-8-22	35	080S	220E	4304735050	12528 14005	Federal	GW	P	
WRU EIH 7MU-35-8-22	35	080S	220E	4304735051	12528 14106	Federal	GW	P	
WRU EIH 1MU-26-8-22	26	080S	220E	4304735118	12528 14349	Federal	GW	P	
WRU EIH 7MU-26-8-22	26	080S	220E	4304735119	12528 14102	Federal	GW	P	
WRU EIH 10MU-26-8-22	26	080S	220E	4304735120	12528 14107	Federal	GW	P	
WRU EIH 15MU-35-8-22	35	080S	220E	4304735121	12528 14197	Federal	GW	P	
WRU EIH 10ML-23-8-22	23	080S	220E	4304735187	12528 14503	Federal	GW	P	
WRU EIH 9ML-23-8-22	23	080S	220E	4304735189	12528 14504	Federal	GW	S	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
**WHITE RIVER**  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WRU EIH 16MU-26-8-22	26	080S	220E	4304735191	12528 14351	Federal	GW	P	
WRU EIH 2MU-26-8-22	26	080S	220E	4304735192	12528 14104	Federal	GW	P	
WRU EIH 8MU-26-8-22	26	080S	220E	4304735193	12528 14234	Federal	GW	P	
WRU EIH 16MU-35-8-22	35	080S	220E	4304735194	12528 14198	Federal	GW	P	
WRU EIH 8MU-35-8-22	35	080S	220E	4304735195	12528 17329	Federal	GW	P	
WRU EIH 13MU-25-8-22	25	080S	220E	4304735329	12528 14168	Federal	GW	P	
WRU EIH 15ML-23-8-22	23	080S	220E	4304735387	12528 14681	Federal	GW	S	
WRU EIH 4MU-25-8-22	25	080S	220E	4304735388	12528 14339	Federal	GW	P	
WRU EIH 3MU-25-8-22	25	080S	220E	4304735389	12528 14341	Federal	GW	P	
WRU EIH 12ML-24-8-22	24	080S	220E	4304735425	12528 14536	Federal	GW	P	
WRU EIH 14ML-24-8-22	24	080S	220E	4304735426	12528 14646	Federal	GW	P	
WRU EIH 6MU-25-8-22	25	080S	220E	4304735431	12528 14379	Federal	GW	P	
WRU EIH 5MU-25-8-22	25	080S	220E	4304735432	12528 14240	Federal	GW	P	
WRU EIH 12MU-25-8-22	25	080S	220E	4304735601	12528 14214	Federal	GW	P	
WRU EIH 14MU-35-8-22	35	080S	220E	4304735667	12528 14615	Federal	GW	P	
WRU EIH 13ML-24-8-22	24	080S	220E	4304735793	12528 14644	Federal	GW	S	
WRU EIH 16ML-23-8-22	23	080S	220E	4304735804	12528 14683	Federal	GW	P	
WRU EIH 11ML-24-8-22	24	080S	220E	4304735805	12528 14540	Federal	GW	P	
WRU EIH 6B-ML-35-8-22	35	080S	220E	4304737299	12528 15281	Federal	GW	P	
WRU EIH 11BML-35-8-22	35	080S	220E	4304737300	12528 15282	Federal	GW	P	
WRU EIH 3D-ML-35-8-22	35	080S	220E	4304737465	12528 15552	Federal	GW	P	
WRU EIH 7D-ML-35-8-22	35	080S	220E	4304737466	12528 15637	Federal	GW	P	
WRU EIH 4AD-25-8-22	25	080S	220E	4304738636	12528 16651	Federal	GW	P	
WRU EIH 7AD-26-8-22	26	080S	220E	4304738637	12528 16579	Federal	GW	P	
WRU EIH 6DD-35-8-22	35	080S	220E	4304738640	12528 16511	Federal	GW	P	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
 WHITE RIVER  
 effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WRU EIH 7AD-35-8-22	35	080S	220E	4304738641	16180	Federal	GW	P	
WRU EIH 14BD-35-8-22	35	080S	220E	4304738642	17143	Federal	GW	OPS	C
WRU EIH 9CD-26-8-22	26	080S	220E	4304738649	12528 16446	Federal	GW	P	
GB 1M-4-8-22R (RIGSKID)	04	080S	220E	4304738990	15879	Federal	GW	P	
WRU EIH 6D-5-8-23	05	080S	230E	4304738994	16415	Federal	GW	P	
WRU GB 13G-3-8-22	03	080S	220E	4304739792	4915	Federal	OW	P	
WRU GB 14G-4-8-22	04	080S	220E	4304740097	4915	Federal	OW	P	
GB 3D-4-8-22R(RIGSKID)	04	080S	220E	4304740345	17099	Federal	GW	P	



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3100

(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roger L. Bankert*

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the ~~Eastern States~~ Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV OF OIL, GAS & MIN. (MMS)